

CURRICULA VITAE

NAME:

Arlen Frank Chase

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EDUCATION:

1983	Ph.D.	In Anthropology, University of Pennsylvania Dissertation: <i>A CONTEXTUAL CONSIDERATION OF THE TAYASAL-PAXCAMAN ZONE, EL PETEN, GUATEMALA</i> , University Microfilms International No. 8406652.
1975	B.A.	In Anthropology, University of Pennsylvania, Benjamin Franklin Scholar

EMPLOYMENT HISTORY:

Pomona College, Claremont, CA

2019 – present: Visiting Professor, Department of Anthropology.

University of Nevada, Las Vegas

2016 - 2019: Professor, Department of Anthropology, College of Liberal Arts (on leave 2019-2020).

University of Central Florida: Academic Positions

2007 - 2016: Pegasus Professor, Department of Anthropology, College of Sciences.
2006 - 2007: Professor, Department of Anthropology, College of Sciences.
1995 - 2005: Professor, Department of Sociology and Anthropology, College of Arts and Sciences.
1990 - 1995: Associate Professor, Department of Sociology and Anthropology
1985 - 1990: Assistant Professor, Department of Sociology and Anthropology.
1984 - 1985: Visiting Assistant Professor, Department of Sociology and Anthropology.

University of Central Florida: Administrative Positions

2013 - 2016: Associate Dean, College of Sciences.
2015 - 2016: Interim Director, Nicholson School of Communication, College of Sciences.
2007 - 2014: Chair, Department of Anthropology, College of Sciences.
2006 - 2007: Interim Chair, Department of Anthropology, College of Sciences.
1999 - 2004: Interim Director of Latin American and Iberian Area Studies, College of Arts and Sciences.

University of Pennsylvania

1983 - 1984: Acting Assistant Dean, Advising Office, College of Arts & Sciences.
1984 : Research Associate, Anthropology Department.
1982 - 1983: Part-Time Assistant Dean, Advising Office, College of Arts & Sciences.
1981 - 1982: Academic Advisor, Advising Office, College of Arts & Sciences.
1976 - 1979: Lab Instructor, Teaching Assistant, and/or Reader.

HONORS:

2017	Presenters Excellence Award: 15 Years (2003-2017) , Belize Archaeology Symposium.
2013 - 2015	Distinguished Lecturer for Sigma Xi (The Scientific Research Association).
2012 - present	Fellow in the American Association for the Advancement of Science .
2012	Grand Marshal , Key West Fantasy Fest (Theme: Maya Apocalypse).
2010	UCF Research Incentive Award for excellence in research (awarded \$5,000 increase on base salary).
2006 - 2008	Member, Board of Governors , State University System of Florida (Chair, ACFS [Advisory Council of Faculty Senates]).
2007	Inducted into Phi Kappa Phi honor society.
2007	Awarded the status of Pegasus Professor , UCF's highest faculty honor, for continued excellence in research, teaching, and service.
2003 - 2005	Member, Board of Trustees , University of Central Florida (Chair, UCF Faculty Senate).
2002	UCF Research Incentive Award for excellence in research (\$5,000 increase on base salary).
2002	UCF Teaching Incentive Program Award for teaching excellence (\$5,000 increase on base salary).
1998	"Web Site Excellence – Anthropology" Award for www.caracol.org (see anthro.org/four1998.htm).
1995 - 2016	Co-Beneficiary (with Diane Z. Chase) of the Trevor Colbourn Endowment (UCF).
1995	UCF Teaching Incentive Program Award for teaching excellence (\$5,000 increase on base salary).
1991	Samuel Kahn Distinguished Alumnus Award , Robert Louis Stevenson School, Pebble Beach, CA.
1987	Elected to " Quill " (University of Central Florida's literary society).
1985 - 1995	Guest Curator , Orlando Museum of Art, Orlando, Florida

RESEARCH INTERESTS:

Anthropological Archaeology; Complexity, Urbanism, Coupled Human-Nature Dynamic; Sustainability; Remote Sensing (LiDAR); Ethics and Heritage; Archaeological Method and Theory; Contextual, Ceramic, and Settlement Analysis; Hieroglyphic Interpretation; Mesoamerica, Maya

COURSES TAUGHT

Department of Anthropology, Pomona College, Claremont	
Archaeological Field Methods	(ANTH 110 [Spring 2020])
Archaeological Field Practicum	(ANTH 111 [Spring 2020])
Archaeological Laboratory Methods	(ANTH 112 [Spring 2020])
Archaeological Theory	(ANTH 101 [Fall 2019])
Maya Archaeology in Central Belize	(ANTH 199IPRO [Spring 2020])
Mesoamerican Archaeology	(ANTH 145 [Fall 2019])
Department of Anthropology, University of Nevada, Las Vegas:	
Archaeology of Mexico and Central America	(ANTH 440EX / 640 [Fall 2016, 2018])
Archaeology of Complex Societies and Archaic States	(ANTH 447 / 657 [Fall 2016])
Archaeological Field Practicum	(ANTH 448B / 648B [Spring])
Archaeological Laboratory Methods	(ANTH 449C / 649C [Spring])
Archaeological Theory	(ANTH 455 / 655 [Fall 2017, 2018])
Current Problems in Archaeology (Maya)	(ANTH 751 [Fall 2017])
Department of Anthropology, University of Central Florida:	
Archaeology and the Rise of Human Culture	(ANT 2140)
Archaeological Method and Theory	(ANT 3115; ANG 6110)
*Mesoamerican Archaeology	(ANT 3163)
*Maya Archaeology	(ANT 3328; ANG 6168)
Seminar in Archaeological Explanation	(ANT 3930)
Advanced Archaeological Fieldwork	(ANT 4124; ANG 5822)
Seminar in Laboratory Analysis	(ANT 4180)
Practicum	(ANT 4941)
Maya Hieroglyphs	(ANG 5167)
Problems in Maya Archaeology	(ANG 5166)
Graduate Tutorials	(ANG 5907, ANG 5917, ANG 5944)

*also part of UCF's Latin American, Caribbean, and Latino Studies Program.

RESEARCH-RELATED GRANTS AND FUNDING:

- 2019 (Sept-Aug): **Geraldine and Emory Ford Foundation** grant for archaeological research at Caracol, Belize, \$5,000.
- 2018 - 2020: **Alphawood Foundation** grant for archaeological research at Caracol, Belize, \$129,477.00 (with D.Z. Chase).
(Jan-May)
- 2018 (Sept-Aug): **Geraldine and Emory Ford Foundation** grant for archaeological research at Caracol, Belize, \$5,000 (with D.Z. Chase).
- 2017 (Aug-Aug): **Geraldine and Emory Ford Foundation** grant for archaeological research at Caracol, Belize, \$5,000 (with D.Z. Chase).
- 2016 (Aug-Aug): **Geraldine and Emory Ford Foundation** grant for archaeological research at Caracol, Belize, \$5,000 (with D.Z. Chase).
- 2015 - 2017: **Alphawood Foundation** grant for archaeological research at Caracol, Belize, \$111,982.56 (with D.Z. Chase).
(Jan-May)
- 2015 (Aug-Aug): **Geraldine and Emory Ford Foundation** grant for archaeological research at Caracol, Belize, \$5,000 (with D.Z. Chase).
- 2014 (Aug-Aug): **Geraldine and Emory Ford Foundation** grant for archaeological research at Caracol, Belize, \$5,000 (with D.Z. Chase).
- 2013 (Aug-Aug): **Geraldine and Emory Ford Foundation** grant for archaeological research at Caracol, Belize, \$3,000 (with D.Z. Chase).
- 2012-2014: **Alphawood Foundation** grant for archaeological research at Caracol, Belize, \$105,271.36 (with D.Z. Chase).
(Jan-May)
- 2012-2013: **Alphawood Foundation** grant for LiDAR in eastern Belize, \$360,265.00 (A.F. Chase, D.Z. Chase, J.J. Awe, J.F. Weishampel, G. Iannone, H. Moyes, J. Yaeger, and M.K. Brown).
(Apr-May)
- 2012 (Oct-Oct): **Geraldine and Emory Ford Foundation** grant for archaeological research at Caracol, Belize, \$3,000 (with D.Z. Chase).
- 2012 (Jan-Dec): **Harrison** grant for archaeological research at Caracol, Belize, \$3,000 (with D.Z. Chase).
- 2011 (Sept-Sept): **Geraldine and Emory Ford Foundation** grant for archaeological research at Caracol, Belize, \$2,500 (with D.Z. Chase).
- 2011 (Jan-Dec): **Harrison** grant for archaeological research at Caracol, Belize, \$3,000 (with D.Z. Chase).
- 2010 (July-July): **Geraldine and Emory Ford Foundation** grant for archaeological research at Caracol, Belize, \$2,500 (with D.Z. Chase).
- 2010 (Jan-Dec): **Harrison** grant for archaeological research at Caracol, Belize, \$3,000 (with D.Z. Chase).
- 2009 - 2011: **Alphawood Foundation** grant for archaeological research at Caracol, Belize \$90,601.09 (with D.Z. Chase).
(Jan-May)

RESEARCH-RELATED GRANTS AND FUNDING: (continued):

- 2009 (July-July): **Geraldine and Emory Ford Foundation** grant for archaeological research at Caracol, Belize, \$2,500 (with D.Z. Chase).
- 2009 (Jan-Dec): **Harrison** grant for archaeological research at Caracol, Belize, \$5,000 (with D.Z. Chase).
- 2008 - 2011:
(June-May) **NASA Grant NNX08AM11G and the UCF-UF Space Research Initiative** for remote sensing of ancient Maya land use features and tropical rainforest structure at Caracol, Belize, \$411,981 (Co-PI with John Weishampel [PI] and D.Z. Chase [Co-PI]).
- 2008 (July-July): **Geraldine and Emory Ford Foundation** grant for archaeological research at Caracol, Belize, \$7,500 (with D.Z. Chase).
- 2008 (Jan-Dec): **Harrison** grant for archaeological research at Caracol, Belize, \$7,000 (with D.Z. Chase).
- 2007 (Dec): **Lamsen** grant for a new laboratory building at Caracol, Belize, \$25,000 (with D.Z. Chase).
- 2007 (July-July): **Geraldine and Emory Ford Foundation** grant for archaeological research at Caracol, Belize, \$5,000 (with D.Z. Chase).
- 2007 (Jan-Dec): **Harrison** grant for archaeological research at Caracol, Belize, \$7,000 (with D.Z. Chase).
- 2006 (July-July): **Geraldine and Emory Ford Foundation** grant for archaeological research at Caracol, Belize, \$5,000 (with D.Z. Chase).
- 2006 (Jan-Dec): **Harrison** (formerly Ahau Foundation) grant for archaeological research at Caracol, Belize, \$7,000 (with D.Z. Chase).
- 2005 (Feb-Dec): **Stans Foundation** grant for archaeological research at Caracol, Belize, \$8,000 (with D.Z. Chase).
- 2005 (Jan-Dec): **University of New Mexico Foundation** (Ahau Foundation) grant for archaeological research at Caracol, Belize, \$5,000 (with D.Z. Chase).
- 2004 (May-Dec): **Glick Foundation** grant to establish the *Judy Glick Memorial Scholarship* for Belizean archaeology students, \$7,500 (with D.Z. Chase).
- 2004 (Feb-Dec): **Stans Foundation** grant for archaeological research at Caracol, Belize, \$8,000 (with D.Z. Chase).
- 2004 (Jan-Dec): **Ahau Foundation** grant for archaeological research at Caracol, Belize, \$5,000 (with D.Z. Chase).
- 2003 (Jan-Aug): **Stans Foundation** grant for archaeological research at Caracol, Belize, \$7,500 (with D.Z. Chase).
- 2003 (Jan-Dec): **Ahau Foundation** grant for archaeological research at Caracol, Belize, \$7,500 (with D.Z. Chase).
- 2002 (Jan-Aug): **Stans Foundation** grant for archaeological research at Caracol, Belize, \$7,500 (with D.Z. Chase).
- 2002 (Jan-Aug): **Ahau Foundation** grant for archaeological research at Caracol, Belize, \$9,000 (with D.Z. Chase).
- 2001 - 2004:
(Sept-Aug) **National Science Foundation** Grant DBI-0115837 for an Isotope Ratio Mass Spectrometer, \$162,855 (with T. Dupras, J.D. Roth, D.Z. Chase, J. Waterman, and G. Worthy).
An additional \$65,520 in internal UCF funds were provided as a match.
- 2001 (Jan-Aug): **Stans Foundation** grant for archaeological research at Caracol, Belize, \$7,500 (with D.Z. Chase).

RESEARCH-RELATED GRANTS AND FUNDING: (continued):

- 2001 (Jan-Aug): **Ahau Foundation** grant for archaeological research at Caracol, Belize, \$6,000 (with D.Z. Chase).
- 2001 (Jan-Aug): Private Donation to the UCF Foundation (1184.013) for Caracol, \$2,300 (with D.Z. Chase).
- 2000 (Jan-Aug): **Stans Foundation** grant for archaeological research at Caracol, Belize, \$5,000 (with D.Z. Chase).
- 2000 (Jan-Aug): **Ahau Foundation** grant for archaeological research at Caracol, Belize, \$7,500 (with D.Z. Chase).
- 2000 (Jan-April): Private Donation of Funds to the UCF Foundation (1184.013) for Caracol, \$6,200 (with D.Z. Chase).
- 1999 (Jan-Aug): **Stans Foundation** grant for archaeological research at Caracol, Belize, \$5,000 (with D.Z. Chase).
- 1999 (Jan-Aug): **Ahau Foundation** grant for archaeological research at Caracol, Belize, \$7,500 (with D.Z. Chase).
- 1999 (Jan-April): Private Donation of Funds to the UCF Foundation (1184.013) for Caracol, \$2,800 (with D.Z. Chase).
- 1998 (Jan-Dec): **Stans Foundation** grant for archaeological research at Caracol, Belize, \$10,000 (with D.Z. Chase).
- 1998 (Jan-Aug): **Ahau Foundation** grant for archaeological research at Caracol, Belize, \$5,000 (with D.Z. Chase).
- 1998 (Jan-Aug): Private Donation of Funds to the UCF Foundation (1184.013) for archaeological research at Caracol, \$3,750 (with D.Z. Chase; includes \$950 from the J.I. Kislak Foundation towards a freezer).
- 1997 (Jan-Dec): Private Donation of Funds to the UCF Foundation (1184.013) for Caracol, \$9,350 (with D.Z. Chase).
- 1997 (Feb-May): **Foundation for the Advancement of Mesoamerican Studies, Inc.** grant (FAMSI No. 96014) for research at Caracol, Belize, \$9,012 (with D.Z. Chase).
- 1997 (Jan-Aug): **Stans Foundation** grant for archaeological research at Caracol, Belize, \$5,000 (with D.Z. Chase).
- 1996 (Jan-Dec): Private Donation to the UCF Foundation (1184.013) for Caracol, \$11,360 (with D.Z. Chase).
- 1996 (Jan-Dec): **Dart Foundation** grant for archaeological research at Caracol, Belize, \$10,000 (with D.Z. Chase).
- 1995 (Jan-Dec): Private Donation of Funds to the UCF Foundation (1184.013) for Caracol, \$6,675 (with D.Z. Chase).
- 1994 - 1996
(Jan-June): **National Science Foundation** Grant No. SBR-9311773 for archaeological research at Caracol, Belize, \$219,369 (with D.Z. Chase).
- 1994 (Jan-Dec): Private Donation to the UCF Foundation (1184.013) for Caracol, \$6,715 (with D.Z. Chase).
- 1993 (Jan-Dec): Private Donation to the UCF Foundation (78-9709-008) for Caracol, \$5,120 (with D. Chase).
- 1993 (Feb-June): **Government of Belize** grant for consolidation and archaeological research at Caracol, Belize, \$67,500 (with D.Z. Chase).
- 1992 (Jan-Dec): Private Donation to the UCF Foundation (78-9709-008) for Caracol, \$2,600 (with D. Chase).
- 1992 (Jan-Dec): **USAID/Government of Belize** grant for archaeological research and consolidation at Caracol, Belize, \$50,000 USAID, \$18,950 Belize; total = \$68,950 (with D.Z. Chase).
- 1991 (Jan-Dec): Private Donation to the UCF Foundation (78-9709-008) for Caracol, \$3,250 (with D. Chase).

RESEARCH-RELATED GRANTS AND FUNDING: (continued):

- 1991 (Jan-Dec): **USAID /Government of Belize** grant for archaeological research and consolidation at Caracol, Belize, \$130,000 USAID, \$37,500 Belize; total = \$167,500 (with D.Z. Chase).
- 1990 (Jan-Dec): Private Donation to the UCF Foundation (78-9709-008) for Caracol, \$4,486 (with D. Chase).
- 1989 - 1990 (Jan-Dec): **USAID / Government of Belize** grant for archaeological research and consolidation, \$310,000 AID, \$86,400 Belize; total = \$396,400 (with D.Z. Chase).
- 1989 (Jan-Dec): **Harry Frank Guggenheim Foundation** grant for archaeological research at Caracol, Belize, \$20,109 (with D.Z. Chase).
- 1989 (Jan-July): Private Donation to the UCF Foundation (78-9709-008) for Caracol, \$5,400 (with D. Chase).
- 1988 (Jan-Dec): Private Donation to the UCF Foundation (78-9709-008) for Caracol, \$9,121 (with D. Chase).
- 1988 (Jan-Dec): **Harry Frank Guggenheim Foundation** grant for archaeological research at Caracol, Belize, \$18,856 (with D.Z. Chase).
- 1987 - 1988: **Institute of Maya Studies** (Miami) grant for archaeological research at Caracol, Belize, \$2,525 (with D.Z. Chase).
- 1987 - 1988: Project Advisor for **National Science Foundation** Grant No. BNS-8619996 for dissertation research by Susan Jaeger at Caracol, Belize, \$10,000 (with D. Freidel).
- 1987 (Feb-May): Private Donation of Funds to the UCF Foundation (78-9798-000) for Caracol, Belize \$25,245 (with D. Chase).
- 1986 (Jan-June): Private Donation of Funds to the UCF Foundation (11-84-802) for archaeological research at Caracol, Belize, \$70,100 (with D.Z. Chase).
- 1985 (May-Aug): **National Science Foundation** Grant No. BNS-8509304 for archaeological research at Santa Rita Corozal, Belize, \$64,110 (with D.Z. Chase).
- 1985 (Jan-April): Private Donation of Funds to the UCF Foundation (21-1184-004) for archaeological research at Caracol, Belize, \$78,080 (with D.Z. Chase).
- 1984 (April-Aug): **National Science Foundation** Grant No. BNS-8318531 for archaeological research at Santa Rita Corozal, Belize, \$64,357 (with D.Z. Chase).
- 1984 (April-Aug): Dean's grant from The College of The University of Pennsylvania to involve undergraduates in research at Santa Rita Corozal, \$3,000 (with D.Z. Chase).
- 1983 (April-July): Funding from The University Museum of the University of Pennsylvania for analysis of the Tayasal-Paxcaman Zone pottery.
- 1981 (May-Aug): Funding from the Chair, Department of Anthropology of the University of Pennsylvania for analysis of Santa Rita Corozal archaeological materials in Belmopan, Belize.
- 1980 (May-Aug): Funding from The University Museum of the University of Pennsylvania for excavations at Santa Rita, Belize.
- 1979 (Aug): Funding from the Department of Anthropology of the University of Pennsylvania for follow-up dissertation research in Guatemala.

RESEARCH-RELATED GRANTS AND FUNDING: (continued):

- 1979 (May-Aug): Dean's grant from The College of the University of Pennsylvania for excavations at Santa Rita, Belize.
- 1979 (May): Funding from The University Museum of the University of Pennsylvania for shipping archaeological materials from Belize to The University Museum.
- 1978 (Aug): Funding from The University Museum of the University of Pennsylvania for archaeological reconnaissance in Guatemala.
- 1977(Nov)
-1980(Jan): Funding from the American Section of The University Museum for the post-field processing of the records of the 1971 Tayasal Project excavations.
- 1977 (May-Aug): Funding from the Department of Anthropology of the University of Pennsylvania for archaeological research in the Tayasal-Paxcaman Zone and analysis of 1971 Tayasal Project archaeological materials at Tikal, Guatemala.
- 1974 (May-Aug): Funding from the American Section of The University Museum for archaeological research in the Motagua Valley of Guatemala.
- 1973 (June-Aug): **National Science Foundation** Traineeship in Archaeology, University of Arizona Field School, Grasshopper Ruin, Arizona.

TEACHING-RELATED GRANTS AND FUNDING:

- Spring 2005: Panel Leader Grant for FCTL Summer Institute, "Developing an International Research Project," \$200.
- Spring 2004: Facilitator Grant for FCTL Summer Institute, Latin American, Caribbean, and Latino Studies Group, \$1,000.
- Spring 2003: Faculty Development Grant for FCTL Summer Institute, Latin American Studies Group, \$1,000.
- Fall 2001: Faculty Development Grant for FCTL training in multi-media computer classroom, \$500.
- Spring 2001: Grant for Lyndsey Wood to undertake undergraduate research on ceramics (with D.Z. Chase), \$1,000.
- Spring 2000: Faculty Development Grant for FCTL Summer Institute as part of FLAC, \$1,000.
- Fall 1999: Faculty Development Grant for participation and training in distance-learning, \$5,000.
- Fall 1998: CAS Dean's Initiative Grant to convert an existing class into one that is media-enhanced, \$500.
- 1978(Jan)
-1981(Dec): Partial Fellowship from Department of Anthropology of the University of Pennsylvania for teaching assistance to J. Witthoft.
- 1977 (Jan-May): Teaching Fellowship offered by the Department of Anthropology of the University of Pennsylvania (declined).

PUBLICATIONS:Books and Monographs:

- in prep. Arlen F. Chase and Diane Z. Chase, *The Archaeological Ceramics of Caracol, Belize*, monograph in Maya Studies Series, University Press of Florida, Gainesville.
- in prep. David A. Freidel, Arlen F. Chase, Anne Dowd, and Jerry Murdock, Editors, *Crafting Time: Mythic History and Ritual Order in the Ancient Maya World*, University Press of Florida, Gainesville (for submission Fall 2019).
- in draft Arlen F. Chase and Diane Z. Chase, *Maya Archaeology: Reconstructing an Ancient Civilization*, contract signed and advance awarded, University of Oklahoma Press, Norman (Fall 2019 final submission).
- 2020 Tsubasa Okoshi, Arlen F. Chase, Phillipe Nondedeo, and M. Charlotte Arnould, Editors, *Rupture and Transformation of Maya Kingship: From Classic to Postclassic Times*, University Press of Florida, Gainesville (in press).
- 2017 David A. Freidel, Arlen F. Chase, Anne Dowd, and Jerry Murdock, Editors, *Maya E Groups: Calendars, Astronomy, and Urbanism in the Early Lowlands*, University Press of Florida, Gainesville, 597 pp + xxv.
- 2014 Arlen F. Chase and Vernon L. Scarborough, Editors, *The Resilience and Vulnerability of Ancient Landscapes: Transforming Maya Archaeology through IHOPE*, AP3A Paper 24 (1), American Anthropological Association, Arlington, VA, 234 pp. + vi.
- 2014,2004,1985 Arlen F. Chase and Prudence M. Rice, Editors., *The Lowland Maya Postclassic*, University of Texas Press, Austin, 352 pp. +viii; hardback – August 1985; paperback – 2004, 2014..
- 2013,2003,1994, Diane Z. Chase and Arlen F. Chase, Editors, *Mesoamerican Elites: An Archaeological Assessment*, 1992 University of Oklahoma Press, Norman, 375 pp. + xiv; hardback – June 1992; paperback – 1994, 2003, 2013.
- 1994 Diane Z. Chase and Arlen F. Chase, Editors, *Studies in the Archaeology of Caracol, Belize*, Pre-Columbian Art Research Institute Monograph 7, San Francisco, 193 pp. + vi.
- 1988 Diane Z. Chase and Arlen F. Chase, *A Postclassic Perspective: Excavations at the Maya Site of Santa Rita Corozal, Belize*, Pre-Columbian Art Research Institute Monograph 4, San Francisco, 138 pp. + vi.
- 1987 Arlen F. Chase and Diane Z. Chase, *Investigations at the Classic Maya City of Caracol, Belize: 1985-1987*, Pre-Columbian Art Research Institute Monograph 3, San Francisco, 121 pp. + vi.

Articles and Book Chapters:

- in prep Arlen F. Chase and Diane Z. Chase, "The Edge of the Maya World: Late Classic Period Deposits at Santa Rita Corozal, Belize." *Research Reports in Belizean Archaeology* 17.
- in prep Lucas R.M. Johnson, Arlen F. Chase, and Diane Z. Chase, "An Interpretative Framework and Description of Ritualized Obsidian from Caracol, Belize." In Z.Hrubry, Ed. *Crafting Celestial Fire in Classic Mesoamerica: The Technologies of Ceremonial Chipped-Stone Production*, University Press of Colorado, Boulder.
- review Arlen F. Chase and Diane Z. Chase, "Variability in the Early Maya Lowlands: Comparing the Preclassic at Caracol (Belize), Tayasal (Guatemala), and Santa Rita Corozal (Belize)," in F. Estrada-Belli and A. Runggaldier, Eds., *The Preclassic Maya: The Making of Lowland Civilization*, Routledge, New York.
- review Arlen F. Chase and Diane Z. Chase, "Scale and Political Integration in Ancient Maya Politics: Ideology, Frame Analysis, and Caracol, Belize," In M. Canuto and M. Lemoureaux St-Hilaire, Eds., *Regimes of the Classic Maya: Towards an Archaeology of Political Communities*, Cambridge University Press, Cambridge.
- review Diane Z. Chase and Arlen F. Chase, "The Materialization of Time in the Maya Archaeological Record: Examples from Caracol and Santa Rita Corozal, Belize." In D. Freidel, A. Chase, A. Dowd, and J. Murdock, Eds., *Crafting Time: Mythic History and Ritual Order in the Ancient Maya World*, University Press of Florida, Gainesville.
- review Arlen F. Chase, Diane Z. Chase, and Adrian S.Z. Chase "Caracol, Belize and Tikal, Guatemala: Ancient Human-Nature Relationships in their Socio-Political Context," in J. Larmon, L. Lucero, and F. Valdez, Eds., *A Path to Sustainability: The Past and Future Role of Water Management*, University Press of Colorado, Boulder (in press).
- review Adrian S.Z. Chase, Diane Z. Chase, and Arlen F. Chase, "Ethics, New Colonialism, and Lidar Data: A Decade of Lidar in Mesoamerica." Special Collection entitled "The Laser Revolution: Reflections on Lidar in Archaeological Practice" for the *Journal of Computer Applications in Archaeology*.
- review John Haldon, Arlen F. Chase, Warren Eastwood, Martin Medina-Elizalde, Adam Izdebski, Piotr Guzowski, Fracis Ludlow, Joseph G. Manning, Guy Middleton, Lee Mordechai, Jason Nesbitt, Cetin Senkul, and B.L. Turner II, "A Question of Collapse? Climate, Environment, and Agency in Pre-Modern Societies," *Annales: Histoire, Sciences Sociales*.
- 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 S. Hutson and T. Ardren, Eds., *The Maya World*, Routledge Press, London (in press).
- 2020 Arlen F. Chase, "Contextualizing the Archaeology of Pacbitun, Belize: An Epilogue," In T.G. Powis, S. Skaggs, and G.J. Micheletti, Eds. *Pacbitun, Belize: Reconstructing the Lifeways of an Ancient Maya City*. British Archaeological Reports (Archaeology of the Maya), Oxford.
- 2020 M. Charlotte Arnauld, Tsubasa Okoshi, Arlen F. Chase, and Philippe Nondedeo, "Changes in Maya Rulership at the End of the Classic Period: An Introduction" In T. Okoshi, A.F. Chase, P. Nondedeo, and M.C. Arnauld, Eds., *Rupture and Transformation of Maya Kingship: From Classic to Postclassic Times*, University Press of Florida, Gainesville (in press).
- 2020 Diane Z. Chase and Arlen F. Chase, "The Rupture of Classic Maya Divine Kingship from the Perspective of Postclassic Archaeology, Iconography, and Ethnohistory," In T. Okoshi, A.F. Chase, P. Nondedeo, and M.C. Arnauld, Eds., *Rupture and Transformation of Maya Kingship: From Classic to Postclassic Times*, University Press of Florida, Gainesville (in press).

Articles and Book Chapters (continued):

- 2020 Arlen F. Chase, M. Charlotte Arnauld, Tsubasa Okoshi, and Philippe Nondedeo, "The Rupture and Transformation of Maya Kingship: An Epilogue," In T. Okoshi, A.F. Chase, P. Nondedeo, and M.C. Arnauld, Eds., *Rupture and Transformation of Maya Kingship: From Classic to Postclassic Times*, University Press of Florida, Gainesville (in press).
- 2020 Arlen F. Chase and Diane Z. Chase, "The Transformation of Maya Rulership at Caracol, Belize," In T. Okoshi, A.F. Chase, P. Nondedeo, and M.C. Arnauld, Eds., *Rupture and Transformation of Maya Kingship: From Classic to Postclassic Times*, University Press of Florida, Gainesville (in press).
- 2020 Diane Z. Chase and Arlen F. Chase, "The Ancient Maya Economic Landscape of Caracol, Belize," in M. Masson, D. Freidel, and A. Demarest, Eds., *The Real Business of Ancient Maya Economies: From Farmers' Fields to Rulers' Realms*, University Press of Florida, Gainesville (in press).
- 2020 Arlen F. Chase and Diane Z. Chase, "The Materialization of Classic Period Maya Warfare: Caracol Stranger-Kings at Tikal," in T.W. Stanton and M.K. Brown, Eds., *A Forest of History: The Maya after the Emergence of Divine Kingship*, University Press of Colorado, Boulder (in press).
- 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 B.A. Houk, B. Arroyo, and T.G. Powis, Eds., *Approaches to Monumental Landscapes of the Ancient Maya*, pp. 109-130. University Press of Florida, Gainesville (February).
- 2020 Arlen F. Chase and Diane Z. Chase, "Monumental Landscapes of the Maya: Cogitating on a Past Built Environment," In B.A. Houk, B. Arroyo, and T.G. Powis, Eds., *Approaches to Monumental Landscapes of the Ancient Maya*, pp. 335-348. University Press of Florida, Gainesville (February).
- 2019 Arlen F. Chase and Diane Z. Chase, "Final Moments: Contextualizing On-Floor Archaeological Materials from Caracol, Belize." *Ancient Mesoamerica* 30 (in press).
- 2019 Christophe Helmke, Arlen F. Chase, and Diane Z. Chase, "Another Look at Stela 2 of Caracol, Belize." *Mexicon* 41(4): 97-104.
- 2019 Arlen F. Chase and Diane Z. Chase, "Central Belize and the Development of Maya Archaeology: A Critical Assessment," *Research Reports in Belizean Archaeology* 16: 3-19.
- 2019 Arlen F. Chase and Diane Z. Chase, "El Origen del Mundo Maya: Las Raices Preclasicas." *Desperta Ferro - Arqueologia e Historia* 23: 12-17.
- 2018 Arlen F. Chase and Diane Z. Chase, Sampling and Timeframes: Contextualizing the Protoclassic and Early Classic Periods at Caracol, Belize," *Research Reports in Belizean Archaeology* 15: 3-15.
- 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.
- 2018 Max Seidita, Diane Z. Chase, and Arlen F. Chase, "Chetumal's Dragonglass: Postclassic Obsidian Production and Exchange in Santa Rita Corozal, Belize," *Research Reports in Belizean Archaeology* 15: 169-178.
- 2018 John Haldon, Lee Mordechai, Timothy P. Newfield, Arlen F. Chase, Adam Izdebski, Piotr Guzowski, Inga Labuhn, and Neil Roberts, "History Meets Palaeoscience. Consilience and Collaboration in Studying Past Societal Responses to Environmental Change," *Proceedings of the National Academy of Sciences* 115(13): 3210-3218 (www.pnas.org/doi/10.1073/pnas.1716912115).

Articles and Book Chapters (continued):

- 2017 Arlen F. Chase, Anne Dowd, and David A. Freidel, "The Distribution and Significance of E Groups: An Historical Background," in D. Freidel et al., Eds., *Maya E Groups: Calendars, Astronomy, and Urbanism in the Early Lowlands*, pp. 3-30. University of Florida Press, Gainesville.
- 2017 Arlen F. Chase and Diane Z. Chase. "E Groups and the Rise of Complexity in the Southeastern Maya Lowlands," in D. Freidel et al., Eds., *Maya E Groups: Calendars, Astronomy, and Urbanism in the Early Lowlands*, pp. 31-71. University of Florida Press, Gainesville.
- 2017 Arlen F. Chase and Diane Z. Chase, "Ancient Maya Architecture and Spatial Layouts: Contextualizing Caana at Caracol, Belize," *Research Reports in Belizean Archaeology* 14: 13-22.
- 2017 Diane Z. Chase and Arlen F. Chase, "Caracol, Belize and Changing Perceptions of Ancient Maya Society," *Journal of Archaeological Research* 25(3): 185-249. (DOI 10.1007/s10814-016-9101-z)
- 2017 Adrian S.Z. Chase, Diane Z. Chase, and Arlen F. Chase, "LiDAR for Archaeological Research and the Study of Historical Landscapes," in Nicola Masini and Francesco Soldovieri, Eds., *Sensing the Past: From Artifact to Historical Site*, pp. 89-100, Springer, New York.
- 2017 Arlen F. Chase and Diane Z. Chase, "Detection of Maya Ruins by LiDAR: Applications, Case Studies, and Issues," in Nicola Masini and Francesco Soldovieri, Eds., *Sensing the Past: From Artifact to Historical Site*, pp. 455-468, Springer, New York.
- 2017 Gunn, Joel D., Vernon L. Scarborough, William J. Folan, Christian Isendahl, Arlen F. Chase, Jeremy A. Sabloff, and Beniamino Volta, "A Distribution Analysis of the Central Maya Lowlands Ecoinformation Network: It's Rises, Falls, and Changes," *Ecology and Society* 22(1):20. doi.org/10.5751/ES-08931-220120
- 2016 Arlen F. Chase and Diane Z. Chase, "Urbanism and Anthropogenic Landscapes," *Annual Review of Anthropology* 45: 361-376 (online July 29, 2016; DOI: 10.1146/annurev-anthro-102215-095852).
- 2016 Arlen F. Chase, Kathryn Reese-Taylor, Juan Carlos Fernandez, and Diane Z. Chase, "Progression and Issues in the Mesoamerican Geospatial Revolution: An Introduction," *Advances in Archaeological Practice* 4(3): 219-231 (also served as Guest Editor for issue with Kathryn Reese-Taylor).
- 2016 Arlen F. Chase and Diane Z. Chase, "The Ancient Maya City: Anthropogenic Landscapes, Settlement Archaeology, and Caracol, Belize," *Research Reports in Belizean Archaeology* 13: 3-14.
- 2016 Scott Heckbert, Christian Isendahl, Joel Gunn, Simon Brewer, Vernon Scarborough, Arlen F. Chase, Diane Z. Chase, Robert Costanza, Nicholas Dunning, Temothy Beach, Sheryl Luzzadder-Beach, David Lentz, and Paul Sinclair, "Growing the Maya Social-Ecological System from the Bottom Up," in C. Isendahl and D. Stump, Eds., *Handbook of Historical Ecology and Applied Archaeology*, Oxford University Press, Oxford (available on line April 2016; DOI: 10.1093/oxfordhb/9780199672691.013.30).
- 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 E. King, Ed., *The Ancient Maya Marketplace: The Archaeology of Transient Space*, pp. 226-250, University of Arizona, Press, Tucson.
- 2015 Diane Z. Chase and Arlen F. Chase, "Thirty Years of Archaeology at Caracol, Belize: Retrospective and Prospective," *Research Reports in Belizean Archaeology* 12: 3-14.
- 2015 Arlen F. Chase and Diane Z. Chase, "The Domestic Economy of Caracol, Belize: Articulating with the Institutional Economy in an Ancient Maya Urban Setting," *Research Reports in Belizean Archaeology* 12: 15-23.

Articles and Book Chapters (continued):

- 2015 Lucas R. Martindale Johnson, Maureen Carpenter, Arlen F. Chase, and Diane Z. Chase, "Articulating with the Broader Economy: Chert Pressure Blade Technology in a Caracol Residential Group," *Research Reports in Belizean Archaeology* 12: 77-87.
- 2015 Arlen F. Chase and Diane Z. Chase, "A New Terminal Classic Carved Altar from Caracol, Belize," *Mexicon* 37(2): 47-49.
- 2014 Arlen F. Chase, Lisa J. Lucero, Vernon Scarborough, Diane Z. Chase, Rafael Cobos, Nicholas Dunning, Joel Gunn, Scott Fedick, Vilma Fialko, Michelle Hegmon, Gyles Iannone, David L. Lentz, Rodrigo Liendo, Keith Prufer, Jeremy A. Sabloff, Joseph Tainter, Fred Valdez, Jr., and Sander van der Leeuw, "Tropical Landscapes and the Ancient Maya: Diversity in Time and Space," in A.F. Chase and V.L. Scarborough, Eds., *The Resilience and Vulnerability of Ancient Landscapes: Transforming Maya Archaeology through IHOPE*, AP3A Paper 24(1), pp. 11-29, Am Anthro Assoc, Arlington, VA.
- 2014 Diane Z. Chase and Arlen F. Chase, "Path Dependency in the Rise and Denouement of a Classic Maya City: The Case of Caracol, Belize," in A.F. Chase and V. Scarborough, Eds., *The Resilience and Vulnerability of Ancient Landscapes: Transforming Maya Archaeology through IHOPE*, AP3A Paper 24(1), pp. 142-154, American Anthropological Association, Arlington, VA.
- 2014 Diane Z. Chase and Arlen F. Chase, "Ancient Maya Markets and the Economic Integration of Caracol, Belize," *Ancient Mesoamerica* 25(1):239-250.
- 2014 Arlen F. Chase, Diane Z. Chase, Jaime J. Awe, John F. Weishampel, Gyles Iannone, Holley Moyes, Jason Yaeger, M. Kathryn Brown, Ramesh L. Shrestha, William E. Carter, and Juan Fernandez Diaz, "Ancient Maya Regional Settlement and Inter-Site Analysis: The 2013 West-Central Belize LiDAR Survey," *Remote Sensing* 6(9): 8671-8695.
- 2014 Arlen F. Chase, Diane Z. Chase, Jaime J. Awe, John F. Weishampel, Gyles Iannone, Holley Moyes, Jason Yaeger, and M. Kathryn Brown, "The Use of LiDAR in Understanding the Ancient Maya Landscape: Caracol and Western Belize," *Advances in Archaeological Practice* 2(3): 208-221.
- 2014 Arlen F. Chase and Vernon Scarborough, "Diversity, Resiliency, and IHOPE-Maya: Using the Past to Inform the Present," in A.F. Chase and V.L. Scarborough, Eds., *The Resilience and Vulnerability of Ancient Landscapes: Transforming Maya Archaeology through IHOPE*, AP3A Paper 24(1), pp. 1-10, American Anthropological Association, Arlington, VA.
- 2014 Gyles Iannone, Arlen F. Chase, Diane Z. Chase, Jaime Awe, Holley Moyes, George Brook, Jason Polk, James Webster, and James Conolly, "An Archaeological Consideration of Long-Term Socio-Ecological Dynamics on the Vaca Plateau, Belize," in G. Iannone, Ed., *The Great Maya Droughts in Cultural Context: Case Studies in Resilience and Vulnerability*, pp. 271-300. University Press of Colorado, Boulder.
- 2014 Bruce H. Dahlin and Arlen F. Chase, "A Tale of Three Cities: Effects of the A.D. 536 Event in the Lowland Maya Heartland," in G. Iannone, Ed., *The Great Maya Droughts in Cultural Context: Case Studies in Resilience and Vulnerability*, pp.127-155. University Press of Colorado, Boulder.
- 2014 Arlen F. Chase and Diane Z. Chase, "Ancient Maya Houses, Households, and Residential Groups at Caracol, Belize," *Research Reports in Belizean Archaeology* 11:3-17.
- 2014 Petra Cunningham-Smith, Arlen F. Chase, and Diane Z. Chase, "Fish from Afar: Marine Use at Caracol, Belize," *Research Reports in Belizean Archaeology* 11:43-53.

Articles and Book Chapters (continued):

- 2013 John F. Weishampel, Jessica N. Hightower, Arlen F. Chase, and Diane Z. Chase, "Remote Sensing of Below-Canopy Land Use Features from the Maya Polity of Caracol," in F. Djinjian and S. Robert, Eds., *Understanding Landscapes: From Discovery to Their Spatial Organization*, pp. 131-136, Archaeopress, British Archaeological Reports, Oxford.
- 2013 Arlen F. Chase, Diane Z. Chase, and John F. Weishampel, "The Use of LiDAR at the Maya Site of Caracol, Belize," in D. Comer and M. Harrower, Eds., *Mapping Archaeological Landscapes from Space: In Observance of the 40th Anniversary of the World Heritage Convention*, pp. 187-197, Springer, New York.
- 2013 Arlen F. Chase and Diane Z. Chase, "Temporal Cycles in the Archaeology of Maya Residential Groups from Caracol, Belize," *Research Reports in Belizean Archaeology* 10:13-23.
- 2013 Arlen F. Chase and Diane Z. Chase, "Interpreting Form and Context: Ceramic Subcomplexes at Caracol, Nohmul, and Santa Rita Corozal, Belize," in J. Aimers, Ed., *Ancient Maya Pottery: Classification, Analysis, and Interpretation*, pp. 46-73, University Press of Florida, Gainesville.
- 2012 Arlen F. Chase, Diane Z. Chase, Christopher T. Fisher, Stephen J. Leisz, and John F. Weishampel, "Geospatial Revolution and Remote Sensing LiDAR in Mesoamerican Archaeology," *Proceedings of the National Academy of Sciences* 109(32): 12916-12921.
- consistently ranked as #1 in the Top 20 Articles in Domain of Article 22802623 by BioMedLib –
- 2012 Vernon Scarborough, Arlen F. Chase, and Diane Z. Chase, "Low Density Urbanism, Sustainability, and IHOPE-Maya: Can the Past Provide more than History?" *UGEC Viewpoints (Connecting past and present lessons in urbanization and the environment)* 8:20-24.
- 2012 Arlen F. Chase and Diane Z. Chase, "Complex Societies in the Southern Maya Lowlands: Their Development and Florescence in the Archaeological Record," in D.L. Nichols and C.A. Pool, Eds., *Oxford Handbook of Mesoamerican Archaeology*, pp. 255-267, Oxford University Press, New York.
- 2012 Arlen F. Chase and Diane Z. Chase, "Belize Red Ceramics and Their Implications for Trade and Exchange in the Eastern Maya Lowlands," *Research Reports in Belizean Archaeology* 9:3-14.
- 2012 John F. Weishampel, Jessica Hightower, Arlen F. Chase, and Diane Z. Chase, "Use of Airborne LiDAR to Delineate Canopy Degradation and Encroachment along the Guatemala-Belize Border," *Tropical Conservation Science* 5(1):12-24.
- 2011 Reiko Ishihara-Brito, Jaime J. Awe, and Arlen F. Chase, "Ancient Maya Cave Use at Caracol, Belize," *Mexicon* 33(6):151-158.
- 2011 John F. Weishampel, Jessica Hightower, Arlen F. Chase, Diane Z. Chase, and Ryan A. Patrick, "Detection and Morphologic Analysis of Potential Below-Canopy Cave Openings in the Karst Landscape around the Maya Polity of Caracol using Airborne LiDAR," *Journal of Cave and Karst Studies* 73(3):187-196.
- 2011 Diane Z. Chase and Arlen F. Chase, "Ghosts amid the Ruins: Analyzing Relationships Between the Living and the Dead Among the Ancient Maya at Caracol, Belize," in J.L. Fitzsimmons and I. Shimada, Eds., *Living with the Dead: Mortuary Ritual in Mesoamerica*, pp. 78-101, University of Arizona Press, Tucson.
- 2011 Diane Z. Chase, Arlen F. Chase, Jaime J. Awe, John H. Walker, and John F. Weishampel, "Airborne LiDAR at Caracol, Belize and the Interpretation of Ancient Maya Society and Landscapes," *Research Reports in Belizean Archaeology* 8:61-73.
- 2011 Arlen F. Chase and Diane Z. Chase, "Status and Power: Caracol, Teotihuacan, and the Early Classic Maya World," *Research Reports in Belizean Archaeology* 8:3-18.

Articles and Book Chapters (continued):

- 2011 Arlen F. Chase, Diane Z. Chase, John F. Weishampel, Jason B. Drake, Ramesh L. Shrestha, K. Clint Slatton, Jaime J. Awe, and William E. Carter. "Airborne LiDAR, Archaeology, and the Ancient Maya Landscape at Caracol, Belize," *Journal of Archaeological Science* 38:387-398.
- **2nd most cited article for *Journal of Archaeological Science*, January 2011-December 2016 –**
- **Web of Science ranking of 29 for Anthropology (2010-2014) –**
- 2010 Arlen F. Chase, Diane Z. Chase, and John F. Weishampel, "Lasers in the Jungle: Airborne sensors reveal a vast Maya landscape." *Archaeology* 63(4):27-29.
- 2010 John F. Weishampel, Arlen F. Chase, Diane Z. Chase, Jason B. Drake, Ramesh L. Shrestha, K. Clint Slatton, Jaime J. Awe, Jessica Hightower, and James Angelo, "Remote Sensing of Ancient Maya Land Use Features at Caracol, Belize related to Tropical Rainforest Structure," in S. Campna, M. Forte, and C. Liuzza, Eds., *Space, Time, Place: Third International Conference on Remote Sensing in Archaeology*, pp. 45-52, British Archaeological Reports S2118, Archaeopress, Oxford, England.
- 2010 Arlen F. Chase and Diane Z. Chase, "The Context of Ritual: Examining the Archaeological Record at Caracol, Belize," *Research Reports in Belizean Archaeology* 7:3-15.
- 2010 Dianna L. Wilson-Mosley, Arlen F. Chase, and Diane Z. Chase, "Maya 'Travelers': Iconography, Liminality, and Ancient Maya Worldview," *Research Reports in Belizean Archaeology* 7:25-36.
- 2010 Diane Z. Chase and Arlen F. Chase, "Rituales Mezclados: Analizando Comportamientos Públicos y Privados en el Registro Arqueológico de Caracol," in A. Ciudad Ruiz, M.J. Iglesias, and M. Sorroche, Eds., *El Ritual en el Mundo Maya: de lo Privado a lo Público*, pp. 107-128, Publication 9, S.E.E.M., Grupo de Investigación Andalucía-America, CEPHIS-UNAM, Madrid.
- 2009 Arlen F. Chase, Diane Z. Chase, and Michael E. Smith, "States and Empires in Ancient Mesoamerica," *Ancient Mesoamerica* 20(2):175-182.
- 2012 REPRINTED in: G. Serenaitė and A. Andrijauskas, Eds., *East-West: Comparative Studies* (translated into Lithuanian).
- 2009 Arlen F. Chase and Diane Z. Chase, "Symbolic Egalitarianism and Homogenized Distributions in the Archaeological Record at Caracol, Belize: Method, Theory, and Complexity," *Research Reports in Belizean Archaeology* 6:15-24.
- 2009 Diane Z. Chase and Arlen F. Chase, "Changes in Maya Religious Worldview: Liminality and the Archaeological Record," in L.G. Cecil and T.W. Pugh, Eds., *Maya Worldviews at Conquest*, pp. 219-237, University Press of Colorado, Boulder.
- 2008 Diane Z. Chase and Arlen F. Chase, "Que no nos Cuentan los Jeroglíficos?: Arqueología e Historia en Caracol, Belice," *Mayab* 20:93-108.
- 2008 Arlen F. Chase, Diane Z. Chase, and Rafael Cobos, "Jeroglíficos y Arqueología Maya: Colusión o Colisión?" *Mayab* 20:5-21.
- 2008 Diane Z. Chase and Arlen F. Chase, "Late Postclassic Ritual at Santa Rita Corozal, Belize: Understanding the Archaeology of a Maya Capital City," *Research Reports in Belizean Archaeology* 5:79-92.
- 2008 Arlen F. Chase and Diane Z. Chase, "Methodological Issues in the Archaeological Identification of the Terminal Classic and Postclassic Transition in the Maya Area," *Research Reports in Belizean Archaeology* 5:23-36.

Articles and Book Chapters (continued):

- 2008 Diane Z. Chase, Arlen F. Chase, and John M. Morris, "Archaeological Myths of the Postclassic Period: Belizean Archaeology as 'Dragonslayer,'" *Research Reports in Belizean Archaeology* 5:3-11.
- 2008 Arlen F. Chase, Diane Z. Chase, Elayne Zorn, and Wendy G. Teeter, "Textiles and the Maya Archaeological Record: Gender, Power, and Status in Classic Period Caracol, Belize," *Ancient Mesoamerica* 19(1):127-142.
- 2007 Arlen F. Chase and Diane Z. Chase, "Ancient Maya Urban Development: Insights from the Archaeology of Caracol, Belize," *Journal of Belizean Studies* 29(2):60-71.
- 2007 Arlen F. Chase and Diane Z. Chase, "'This is the End:' Archaeological Transitions and the Terminal Classic Period at Caracol, Belize," *Research Reports in Belizean Archaeology* 4:13-27.
- 2006 Diane Z. Chase and Arlen F. Chase, "Framing the Maya Collapse: Continuity, Discontinuity, Method, and Practice in the Classic to Postclassic Southern Maya Lowlands," in G. Schwartz and J. Nichols, Eds., *After Collapse: The Regeneration of Complex Societies*, pp. 168-187, University of Arizona Press, Tucson.
- 2006 Diane Z. Chase and Arlen F. Chase, "The Dawn of Maya Civilization: Preclassic Archaeology from Santa Rita Corozal," *Research Reports in Belizean Archaeology* 3:85-100.
- 2006 Arlen F. Chase and Diane Z. Chase, "Before the Boom: Caracol's Preclassic Era," *Research Reports in Belizean Archaeology* 3:41-67.
- 2006 Arlen F. Chase and Diane Z. Chase, "En medio de la nada, en el centro del Universo: Perspectivas sobre el desarrollo de las ciudades mayas," in M. J. Iglesias Ponce de Leon, R. Valencia Rivera, y A. Ciudad Ruiz, Eds., *Nuevas Ciudades, Nuevas Patrias: Fundacion y Relocalizacion de ciudades en Mesoamerica y el Mediterraneo Antiguo*, pp. 39-64, S.E.E.M., Madrid.
- 2005 Arlen F. Chase and Diane Z. Chase, "The Early Classic Period at Caracol, Belize: Transitions, Complexity, and Methodological Issues in Maya Archaeology," *Research Reports in Belizean Archaeology* 2:17-38.
- 2005 Diane Z. Chase and Arlen F. Chase, "The Early Classic Period at Santa Rita Corozal: Issues of Hierarchy, Heterarchy, and Stratification in Northern Belize," *Research Reports in Belizean Archaeology* 2:111-129.
- 2005 Arlen F. Chase and Diane Z. Chase, "Contextualizing the Collapse: Hegemony and Terminal Classic Ceramics from Caracol, Belize," in S. Lopez Varela and A. Foias, Eds., *Geographies of Power: Understanding the Nature of Terminal Classic Pottery in the Maya Lowlands*, pp. 73-91, BAR Monograph S1447, Oxford.
- 2004 Wendy G. Teeter and Arlen F. Chase, "Adding Flesh to Bones: Using Zooarchaeology Research to Answer Big-Picture Questions," *Archaeofauna* 13:155-172.
- 2004 Diane Z. Chase and Arlen F. Chase, "Patrones de Enterramiento y Ciclos Residenciales en Caracol, Belice," in R. Cobos, Ed., *Culto Funerario en la Sociedad Maya: Memoria de la Cuarta Mesa Redonda de Palenque*, pp. 203-230, INAH, Mexico, D.F.
- 2004 Arlen F. Chase, Diane Z. Chase, and Wendy Teeter, "Archaeology, Faunal Analysis, and Interpretation: Lessons from Maya Studies," *Archaeofauna* 13:11-18.
- 2004 Arlen F. Chase, "Politics, Politics, and Social Dynamics: "Contextualizing" the Archaeology of the Belize Valley and Caracol," In J. Garber, Ed., *The Archaeology of the Belize Valley: Half a Century Later*, pp. 320-334, University Press of Florida, Gainesville.

Articles and Book Chapters (continued):

- 2004 Arlen F. Chase and James Garber, "The Archaeology of the Belize Valley in Historical Perspective," In J. Garber, Ed., *The Archaeology of the Belize Valley: Half a Century Later*, pp. 1-14, University Press of Florida, Gainesville.
- 2004 Diane Z. Chase and Arlen F. Chase, "Hermeneutics, Transitions, and Transformations in Classic to Postclassic Maya Society," in A. Demarest, P. Rice, and D. Rice, Eds., *The Terminal Classic in the Maya Lowlands: Collapse, Transition, and Transformation*, pp. 12-27, University Press of Colorado, Boulder.
- 2004 Arlen F. Chase and Diane Z. Chase, "Un Katun de Investigaciones en Caracol, Belice," *Arqueología Mexicana* 11(66):44-51.
- 2004 Diane Z. Chase and Arlen F. Chase, "Archaeological Perspectives on Classic Maya Social Organization from Caracol, Belize," *Ancient Mesoamerica* 15:111-119.
- 1st most down-loaded article for *Ancient Mesoamerica* during calendar year 2010 –
- 3rd most down-loaded article for *Ancient Mesoamerica* during calendar year 2011 -
- 2004 Arlen F. Chase and Diane Z. Chase, "Terminal Classic Status-Linked Ceramics and the Maya "Collapse:" *De Facto* Refuse at Caracol, Belize," in A. Demarest, P. Rice, D. Rice, Eds., *The Terminal Classic in the Maya Lowlands: Collapse, Transition, and Transformation*, pp. 342-366, University Press of Colorado, Boulder.
- 2004 Diane Z. Chase and Arlen F. Chase, "Santa Rita Corozal: Twenty Years Later," *Research Reports in Belizean Archaeology* 1:243-255.
- 2004 Arlen F. Chase and Diane Z. Chase, "Exploring Ancient Economic Relationships at Caracol, Belize," *Research Reports in Belizean Archaeology* 1:115-127.
- 2003 Diane Z. Chase and Arlen F. Chase, "Texts and Contexts in Classic Maya Warfare: A Brief Consideration of Epigraphy and Archaeology at Caracol, Belize," in M.K. Brown and T.W. Stanton, Eds., *Ancient Mesoamerican Warfare*, pp. 171-188, Alta Mira Press, Walnut Creek.
- 2003 Arlen F. Chase and Diane Z. Chase, "Minor Centers, Complexity, and Scale in Lowland Maya Settlement Archaeology," in G. Iannone and S. Connell, Eds., *Perspectives on Ancient Maya Rural Complexity*, pp. 108-118, Monograph 49, The Cotsen Institute of Archaeology, University of California, Los Angeles.
- 2003 Diane Z. Chase and Arlen F. Chase, "Secular, Sagrado, y Revisitado: La Profanacion, alteracion, y reconsagracion de los Antiguos Entierros Mayas," in A. Ciudad Ruiz, M.H. Ruz Sosa, and M.J. Iglesias Ponce de Leon, Eds., *Antropología de la Eternidad: La Muerte en la Cultura Maya*, pp. 255-277, Publicación 7, Sociedad de los Estudios Mayas, Madrid.
- 2002 Diane Z. Chase and Arlen F. Chase, "Classic Maya Warfare and Settlement Archaeology at Caracol, Belize," *Estudios de Cultura Maya* 22:33-51.
- 2002 Arlen F. Chase, Diane Z. Chase, and William A. Haviland, "Maya Social Organization from a "Big Site" Perspective: Classic Period Caracol, Belize and Tikal, Guatemala," in V. Tiesler, R. Cobos, and M. Greene, Eds., *Organizacion Social Maya: 1999 Palenque Mesa Redonda*, pp. 251-276, Instituto Nacional de Arqueologia e Historia, Mexico.
- 2001 Diane Z. Chase and Arlen F. Chase, "Underlying Structure in Maya Persistence: An Archaeological Perspective," *Acta Mesoamericana* 12:37-50 (special issue edited by U. Hostettler and M. Restall entitled *Maya Survivalism*), Markt Schwaben, Verlag A. Saurwein, Germany.
- 2001 Arlen F. Chase and Diane Z. Chase, "Ancient Maya Causeways and Site Organization at Caracol, Belize," *Ancient Mesoamerica* 12(2):273-281.

Articles and Book Chapters (continued):

- 2001 Arlen F. Chase and Diane Z. Chase, "The Royal Court of Caracol, Belize: Its Palaces and People," in Takeshi Inomata and Stephen D. Houston, Eds., *Royal Courts of the Ancient Maya: Volume 2: Data and Case Studies*, pp. 102-137, Westview Press, Boulder.
- 2001 Arlen F. Chase, Diane Z. Chase, and Christine White, "El Paisaje Urbano Maya: La Integración de los Espacios Construidos y la Estructura Social en Caracol, Belice," in A. Ciudad Ruiz, M. Josefa Iglesias Ponce de Leon, and M. Del Carmen Martinez Martinez, Eds., *Reconstruyendo la Ciudad Maya: El Urbanismo en las Sociedades Antiguas*, pp. 95-122, Sociedad Espanola de Estudios Mayas, Madrid.
- 2001 Charles E. Hughes, J. Michael Moshell, Dean Reed, Diane Z. Chase, and Arlen F. Chase, "The Caracol Time Travel Project," *Journal of Visualization and Computer Animation* 12(4):203-214.
- 2000 Diane Z. Chase and Arlen F. Chase, "La Guerra entre los Antiguos Mayas," in Silvia Trejo, Ed., *Memoria de la Primera Mesa Redonda de Palenque*, pp. 55-72, Instituto de Antropología e Historia and Consejo Nacional para la Cultura y las Artes, Mexico.
- 2000 Arlen F. Chase and Diane Z. Chase, "Sixth and Seventh Century Variability in the Southern Maya Lowlands: Centralization and Integration at Caracol, Belize," in Joel D. Gunn, Ed., *The Years Without Summer: Tracing A.D. 536 and Its Aftermath*, pp. 55-65, BAR International Series 872, Archaeopress, Oxford.
- 2000 Diane Z. Chase and Arlen F. Chase, "Inferences about Abandonment: Maya Household Archaeology and Caracol, Belize" *Mayab* 13:67-77.
- 1999 Arlen F. Chase and Diane Z. Chase, "Hallowed Fire in Caracol," *Mundo Maya* 7(20):39-46.
- 1998 Diane Z. Chase and Arlen F. Chase, "The Architectural Context of Caches, Burials, and Other Ritual Activities for the Classic Period Maya (as Reflected at Caracol, Belize)," in Stephen D. Houston, Ed., *Function and Meaning in Classic Maya Architecture*, pp. 299-332, Dumbarton Oaks, Washington, D.C.
- 1998 Arlen F. Chase and Diane Z. Chase, "Late Classic Maya Political Structure, Polity Size, and Warfare Arenas," in A. Ciudad Ruiz, M. Y. Fernandez Marquinez, J. M. Garcia Campillo, M.J. Iglesias Ponce de Leon, A. Lacandena Garcia-Gallo, L.T. Sanz Castro, Eds., *Anatomia de una civilizacion: Aproximaciones Interdisciplinarias a la Cultura Maya*, pp. 11-29, Sociedad Espanola de Estudios Mayas, Madrid.
- 1998 Arlen F. Chase, "Planeacion Civica e Integracion de Sitio en Caracol, Belice: Definiendo una Economia Administrada del Periodo Clasico Maya," *Los Investigadores de la Cultura Maya* 6(1):26-44, Universidad Autonoma de Campeche, Campeche.
- 1998 Arlen F. Chase and Diane Z. Chase, "Scale and Intensity in Classic Period Maya Agriculture: Terracing and Settlement at the 'Garden City' of Caracol, Belize," *Culture and Agriculture* 20(2):60-77.
- 1996 Diane Z. Chase and Arlen F. Chase, "Maya Multiples: Individuals, Entries, and Tombs in Structure A34 of Caracol, Belize," *Latin American Antiquity* 7(1):61-79.
- 1996 Arlen F. Chase and Diane Z. Chase, "The Organization and Composition of Classic Lowland Maya Society: The View from Caracol, Belize," in Merle Robertson, Martha Macri, and Jan McHargue, Eds., *Eighth Palenque Round Table, 1993*, pp. 213-222, Pre-Columbian Art Research Institute, San Francisco.
- 1996 Arlen F. Chase and Diane Z. Chase, "The Causeways of Caracol," *Belize Today* 10(3/4):31-32.
- 1996 Arlen F. Chase and Diane Z. Chase, "More than Kin and King: Centralized Political Organization Among the Ancient Maya," *Current Anthropology* 37(5):803-810.

Articles and Book Chapters (continued):

- 1996 Arlen F. Chase and Diane Z. Chase, "A Mighty Maya Nation: How Caracol Built an Empire by Cultivating its 'Middle Class,'" *Archaeology* 49(5):66-72.
- 2003 REPRINTED in: P.A. Young and Editors of *Archaeology Magazine*, *Secrets of the Maya*, pp. 42-47, Hatherleigh Press, New York.
- 1998 REPRINTED in: P.B. Goodwin, Ed., *Global Studies: Latin America*, 8th edition, pp. 167-171, Duskin/McGraw-Hill, Guilford (CT).
- 1996 John Fox, Scott Cook, Arlen F. Chase, and Diane Z. Chase, "Questions of Political and Economic Integration: Segmentary versus Centralized States Among the Ancient Maya," *Current Anthropology* 37(5):795-801.
- 1995 Arlen F. Chase and Diane Z. Chase, "External Impetus, Internal Synthesis, and Standardization: E Group Assemblages and the Crystalization of Classic Maya Society in the Southern Lowlands," *Acta Mesoamericana* 8:87-101 (special issue edited by N. Grube entitled *The Emergence of Lowland Maya Civilization: The Transition from the Preclassic to Early Classic*) Markt Schwaben Verlag A. Surwein, Germany.
- 1994 Arlen F. Chase and Diane Z. Chase, "Maya Veneration of the Dead at Caracol, Belize," in Merle Robertson and Virginia Fields, Eds., *Seventh Palenque Round Table, 1989*, pp. 55-62, Pre-Columbian Art Research Institute, San Francisco.
- 1994 Arlen F. Chase and Diane Z. Chase, "Details in the Archaeology of Caracol, Belize: An Introduction," in D. Chase and A. Chase, Eds., *Studies in the Archaeology of Caracol, Belize*, pp. 1-11, Pre-Columbian Art Research Institute Monograph 7, San Francisco.
- 1994 Arlen F. Chase, "A Contextual Approach to the Ceramics of Caracol, Belize," in D. Chase and A. Chase, Eds., *Studies in the Archaeology of Caracol, Belize*, pp. 157-182, Pre-Columbian Art Research Institute Monograph 7, San Francisco.
- 1994 C. Lynn Coultas, Mary E. Collins, and Arlen F. Chase, "Some Soils Common to Caracol, Belize and Their Significance to Ancient Agriculture and Land-Use," in D. Chase and A. Chase, Eds., *Studies in the Archaeology of Caracol, Belize*, pp. 21-33, Pre-Columbian Art Research Institute Monograph 7, San Francisco.
- 1993 Arlen F. Chase and Diane Z. Chase, "Tombs and Texts: New Discoveries at Caracol," *Belize Today* 7(6/7):46-49.
- 1992 Diane Z. Chase and Arlen F. Chase, "Die Maya der Postklassik," in N. Grube, Ed., *Die Welt der Maya*, pp. 257-277, Verlag Philipp von Zabern, Mainz, Germany.
- 1992 Diane Z. Chase and Arlen F. Chase, "An Archaeological Assessment of Mesoamerican Elites," in D. Z. Chase and A. F. Chase, Eds., *Mesoamerican Elites: An Archaeological Assessment*, pp. 303-317, University of Oklahoma Press, Norman (reprinted 1994, 2003 and 2013).
- 1992 Arlen F. Chase, "Elites and the Changing Organization of Classic Maya Society," in D. Z. Chase and A. F. Chase, Eds., *Mesoamerican Elites: An Archaeological Assessment*, pp. 30-49, University of Oklahoma Press, Norman (reprinted 1994, 2003, and 2013).
- 1992 Arlen F. Chase and Diane Z. Chase, "El Norte y el Sur: Politica, Dominios, y Evolucion Cultural Maya," *Mayab* 8:134-149.
- 1992 Arlen F. Chase and Diane Z. Chase, "Mesoamerican Elites: Assumptions, Definitions, and Models," in D. Z. Chase and A. F. Chase, Eds., *Mesoamerican Elites: An Archaeological Assessment*, pp. 3-17, University of Oklahoma Press, Norman (reprinted 1994, 2003 and 2013).

Articles and Book Chapters (continued):

- 1991 Arlen F. Chase, Nikolai Grube, and Diane Z. Chase, "Three Terminal Classic Monuments from Caracol, Belize," *Research Reports on Ancient Maya Writing*, Number 36, Center for Maya Research, Washington, D.C.
- 1991 Arlen F. Chase, "Cycles of Time: Caracol in the Maya Realm," with an appendix on "Caracol 'Altar 21'" by Stephen Houston, in M.G. Robertson, Ed., *Sixth Palenque Round Table, 1986, Vol. VII*, pp. 32-42, University of Oklahoma Press, Norman.
- 1991 Arlen F. Chase and Diane Z. Chase, "Mixing Archaeology and Touristic Development at Caracol," *Belize Today* 5(5): 12-13.
- 1990 Arlen F. Chase, "Maya Archaeology and Population Estimates in the Tayasal-Paxcaman Zone, Peten, Guatemala," in T.P. Culbert and D.S. Rice, Eds., *Prehistoric Population History in the Maya Lowlands*, pp. 149-165, University of New Mexico Press, Albuquerque.
- 1990 Diane Z. Chase, Arlen F. Chase, and William A. Haviland, "The Classic Maya City: Reconsidering 'The Mesoamerican Urban Tradition,'" *American Anthropologist* 92: 499-506.
- 1990 Arlen F. Chase and Diane Z. Chase, "Los Sistemas Mayas de Subsistencia y Patron de Asentamiento: Pasado y Futuro," in L. Yanez-Barnuevo Garcia and A. Ciudad Ruiz, Eds., *Los Mayas: El Esplendor de Una Civilizacion*, pp. 38-48, Sociedad Estatal Quinto Centenario, Turner Libros, S.A., Madrid.
- 1989 Diane Z. Chase and Arlen F. Chase, "Routes of Trade and Communication and the Integration of Maya Society: The Vista from Santa Rita Corozal," in H. McKillop and P. Healy, Eds., *Coastal Maya Trade*, pp. 19-32, Occasional Papers in Anthropology Number 8, Trent University, Toronto.
- 1989 Arlen F. Chase and Diane Z. Chase, "The Investigation of Classic Period Maya Warfare at Caracol, Belize," *Mayab* 5: 5-18.
- 1988 Arlen F. Chase, "Jungle Surveying: Mapping the Archaeological Site of Caracol, Belize," *P.O.B. (Point of Beginning)* 13(3):10-12,14,16,18,22,24.
- 1988 Arlen F. Chase, Diane Z. Chase, and Harriot W. Topsey, "Archaeology and the Ethics of Collecting," *Archaeology* 41(1): 56-60, 87.
- 2013 REPRINTED with the DVD *Loot: The Plundered Heritage*, Left Coast Press, Walnut Creek.
- 2012 REPRINTED in: S. Sullivan and R. Mackay, *Archaeological Sites: Conservation and Management*, pp.195-201, Readings in Conservation, Getty Conservation Institute, Los Angeles.
- 2006 REPRINTED in: K. Vitelli and C. Colwell-Chanthaphonh, Eds., *Archaeological Ethics*, 2nd Edition, pp. 19-26, Alta Mira Press.
- 1996 REPRINTED in: K. Vitelli, Ed., *Archaeological Ethics*, pp. 30-38, Alta Mira Press.
- 1987 Arlen F. Chase and Diane Z. Chase, "Putting Together the Pieces: Maya Pottery of Northern Belize and Central Peten, Guatemala," in P.M. Rice and R.J. Sharer, Eds., *Maya Ceramics*, pp. 47-72, B.A.R. International Series 345(i), Oxford.
- 1986 Arlen F. Chase, "Time Depth or Vacuum: The 11.3.0.0.0. Correlation and the Lowland Maya Postclassic," in J.A. Sabloff and E.W. Andrews V, Eds., *Late Lowland Maya Civilization: Classic to Postclassic*, pp. 99-140, University of New Mexico Press, Albuquerque.
- 1986 Arlen F. Chase and Diane Z. Chase, "Caracol: Belize's National Treasure," *The New Belize* 16(12): 15-16.

Articles and Book Chapters (continued):

- 1986 Diane Z. Chase and Arlen F. Chase, "Archaeological Insights on the Contact Period Lowland Maya," in M. Rivera and A. Ciudad, Eds., *Los Mayas de los Tiempos Tardios*, pp. 13-30, Sociedad Espanola de Estudios Mayas y Instituto de Cooperacion Iberoamericana, Madrid.
- 1985 Arlen F. Chase, "Archaeology in the Maya Heartland: The Tayasal - Paxcaman Zone, Lake Peten, Guatemala," *Archaeology* 38(1): 32-39.
- 1985 Arlen F. Chase and Diane Z. Chase, "Postclassic Temporal and Spatial Frames for the Lowland Maya: A Background," in A. Chase and P. Rice, Eds., *The Lowland Maya Postclassic*, pp. 9-22, University of Texas Press, Austin.
- 1985 Arlen F. Chase and Prudence M. Rice, Introductory Sections in A.F. Chase and P.M. Rice, Eds., *The Lowland Maya Postclassic*, University of Texas Press, Austin:
- "Introduction," pp. 1-8. "The Northern Lowlands," pp. 23-30.
"The Southern Lowlands," pp. 143-149. "The Peripheries," pp. 231-233.
"Conclusion," p. 283.
- 1985 Arlen F. Chase, "Postclassic Peten Interaction Spheres: The View from Tayasal," in A. Chase and P. Rice, Eds., *The Lowland Maya Postclassic*, pp. 184-205, University of Texas Press, Austin.
- 1985 Arlen F. Chase, "Contextual Implications of Pictorial Vases from Tayasal, Peten," in M.G. Robertson & E. Benson, Eds., *Fourth Palenque Round Table, 1980, Vol. 6*, pp. 193-201, Pre-Columbian Art Research Institute, San Francisco.
- 1985 Arlen F. Chase, "Troubled Times: The Archaeology and Iconography of the Terminal Classic Southern Lowland Maya," in M.G. Robertson and V.M. Fields, Eds., *Fifth Palenque Round Table, 1983, Vol. VII*, pp. 103-114, Pre-Columbian Art Research Institute, San Francisco.
- 1985 Diane Z. Chase and Arlen F. Chase, "Refining Maya Prehistory: Archaeology at Santa Rita Corozal," *The New Belize* 15(11&12): 14-17.
- 1984 Diane Z. Chase and Arlen F. Chase, "Santa Rita Corozal: A Rich Past Leads to a Rich Heritage," *The New Belize* 14(8): 13-14.
- 1984 Arlen F. Chase, "The Ceramic Complexes of the Tayasal-Paxcaman Zone," *Ceramica de Cultura Maya* 13: 27-41.
- 1983 Arlen F. Chase and Diane Z. Chase, "Intensive Gardening Among the Late Classic Maya: A Possible Example at Ixtutz, Guatemala," *Expedition* 25(3): 2-11.
- 1982 Diane Z. Chase and Arlen F. Chase, "Yucatec Influence in Terminal Classic Northern Belize," *American Antiquity* 47: 596-614.
- 1982 Arlen F. Chase, "Con Manos Arriba: Archaeology and Tayasal," *American Antiquity* 47: 167-171.
- 1981 Diane Z. Chase and Arlen F. Chase, "Archaeological Investigations at Nohmul and Santa Rita, Belize: 1979-1980," *Mexicon* 3(3): 42-44.
- 1983 REPRINTED: *Belizean Studies* 11(3):23-27.
- 1980 Diane Z. Chase and Arlen F. Chase, "New Finds at Santa Rita Show Corozal Site to Be Thriving Maya Center," *Breakdown: The Magazine of Belize* 4(8): 18-21.

Articles and Book Chapters (continued):

- 1980 Arlen F. Chase, "Major Find From Maya Era Unearthed," *The New Belize* 10(8): 2-3.
- 1979 Arlen F. Chase, "Regional Development in the Tayasal-Paxcaman Zone, El Peten, Guatemala: A Preliminary Statement," *Ceramica de Cultura Maya* 11: 86-119.
- 1976 Arlen F. Chase, "Topoxte and Tayasal: Ethnohistory in Archaeology," *American Antiquity* 41: 154-167.
- 1976 Robert J. Sharer and Arlen F. Chase, "New Town Ceramic Complex," in J. C. Gifford, *Prehistoric Pottery Analysis and the Ceramics of Barton Ramie in the Belize Valley*, Peabody Museum Memoirs 18, pp. 288-314, Harvard University Press, Cambridge.
- 1975 Nancy Farris, Arthur Miller, and Arlen F. Chase, "Late Maya Mural Paintings from Quintana Roo, Mexico," *Journal of Field Archaeology* 2: 5-10.

Small Monographs:

- in prep. Arlen F. Chase and Diane Z. Chase, *Caracol, Belize: Its Archaeology and Background: A Guidebook*.
- 1987 Arlen F. Chase and Diane Z. Chase, *Glimmers of a Forgotten Realm: Maya Archaeology at Caracol, Belize*, University of Central Florida, Orlando (separately bound publication).
- 1993 PORTIONS REPRINTED: *Belize Currents* 14:7-9.
- 1987 PORTIONS REPRINTED: *Pre-Columbian Art Research Institute Newsletter* 6:8.
- 1986 Diane Z. Chase and Arlen F. Chase, *Offerings to the Gods: Maya Archaeology at Santa Rita Corozal*, University of Central Florida, Orlando (separately bound publication).
- 1983 Arlen F. Chase and Diane Z. Chase, *La Ceramica de la Zona Tayasal-Paxcaman, Lago Peten Itza, Guatemala*, distributed by The University Museum, University of Pennsylvania, 165 pages (separately bound publication).

Entries in Reference Works:

- 2016 Arlen F. Chase and Diane Z. Chase, "Caracol," in W. Witschey, Ed., *Encyclopedia of the Ancient Maya*, pp.59-61, Rowman & Littlefield, Lanham, MD.
- 2016 Arlen F. Chase and Diane Z. Chase, "Caracol-dynastic history," in W. Witschey, Ed., *Encyclopedia of the Ancient Maya*, pp. 61-64, Rowman & Littlefield, Lanham, MD.
- 2016 Arlen F. Chase and Diane Z. Chase, "LIDAR" in W. Witschey, Ed., *Encyclopedia of the Ancient Maya*, pp. 211-214, Rowman & Littlefield, Lanham, MD.
- 2016 Arlen F. Chase and Diane Z. Chase, "Ground Survey Techniques," in W. Witschey, Ed., *Encyclopedia of the Ancient Maya*, pp. 162-164, Rowman & Littlefield, Lanham, MD.
- 2012 Arlen F. Chase, "Mesoamerica: Classic Period in Mesoamerica," in N.A. Silberman, Ed., *The Oxford Companion to Archaeology*, 2nd Ed., Oxford Press, New York.
- 2001 Arlen F. Chase and Diane Z. Chase, "Caracol," in W. Fash, Ed., *The Oxford Encyclopedia of Mesoamerican Cultures*, Vol. 1, pp. 143-145, Oxford University Press.
- 2001 Arlen F. Chase and Diane Z. Chase, "Caracol," in S.T. Evans and D.L. Webster, Eds., *The Archaeology of Ancient Mexico and Central America: An Encyclopedia*, pp. 96-97, Garland Publishing, Inc., New York.

Entries in Reference Works: (continued)

- 2001 Arlen F. Chase, "Tayasal," in S.T. Evans and D.L. Webster, Eds., *The Archaeology of Ancient Mexico and Central America: An Encyclopedia*, p. 705, Garland Publishing, Inc., New York.
- 1996 Arlen F. Chase and Diane Z. Chase, "Caracol," in B.A. Tanenbaum, Ed., *Encyclopedia of Latin American History*, Charles Scribner's Sons.
- 1996 Arlen F. Chase, "Mesoamerica: Classic Period in Mesoamerica," in B. Fagan, Ed., *The Oxford Companion to Archaeology*, pp. 445-447, Oxford Press, New York.
- 1996 Arlen F. Chase, "Tayasal," in J. Turner, Ed., *The Dictionary of Art*, Vol. 30, pp. 383-384, MacMillan Publishers Limited, London.
- 1996 Arlen F. Chase and Diane Z. Chase, "Caracol," in J. Turner, Ed., *The Dictionary of Art*, Vol. 5, p. 696, MacMillan Publishers Limited, London.

Reviews:

- 2019 Arlen F. Chase, "Review of *Ten Thousand Years of Inequality: The Archaeology of Wealth Differences*, edited by T.A. Kohler and M.E. Smith," *Latin American Antiquity* 30(1): 231-233.
- 2018 Arlen F. Chase, "Review of *The Origin of Maya States*, edited by L. Traxler and R.J. Sharer," *Cambridge Archaeological Journal* 28(2): 357-358 (on line 18 Oct 2017; <https://doi.org/10.1017/S095977431700083X>).
- 2010 Arlen F. Chase, "Review of *The Monuments of Piedras Negras, An Ancient Maya City* by F. S. Clancy," *Journal of Anthropological Research* 66:417-419.
- 2009 Arlen F. Chase, "Review of J. Shaw's *White Roads of the Yucatan: Changing Social Landscapes of the Yucatec Maya*," *American Anthropologist* 111(4): 539-540.
- 1990 Diane Z. Chase and Arlen F. Chase, "Review of R. Sidrys' *Archaeological Excavations in Northern Belize, Central America*," *Mesoamerica* 20: 351-355.
- 1988 Arlen F. Chase, "Review of N. Davies' *The Aztec Empire: The Toltec Resurgence*," *American Anthropologist* 90(4): 1030.
- 1987 Diane Z. Chase and Arlen F. Chase, "Review of *Pictures of Record Archaeological Slide Sets: Mesoamerican Survey I and Mexican Series* (The Olmecs, El Tajin, The Aztecs, Teotihuacan, Monte Alban, Xochicalco, Tula," *Archaeology* 40(3): 67-68.
- 1986 Arlen F. Chase and Diane Z. Chase, "Review of C. Gallenkamp's *Maya: The Riddle and Rediscovery of a Lost Civilization*," *Southeastern Latin Americanist* June-Sept. 1986: 38-40.

Proceedings:

- 2000 Charles E. Hughes, J. Michael Moshell, David Reed, Diane Z. Chase, and Arlen F. Chase, "Caracol Time Travel Project," in *Proceedings of the Third International Conference on Visual Computing*.
- 1993 C. Lynn Coultas, Mary E. Collins, and Arlen F. Chase, "The Effect of Ancient Maya Agriculture on Terraced Soils of Caracol, Belize," in J. Foss, M.E. Timpson, and M.W. Morris, Eds., *Proceedings of the First International Conference on Peto-Archaeology*, pp. 191-201, Agricultural Experiment Station Special Publication 93-03, The University of Tennessee, Knoxville.
- 1989 Jim Dunlop, Arlen F. Chase, and Diane Z. Chase, "Photovoltaic Power for Remote Archaeological Research: A Case Study," in M.J. Coleman, Ed., *Proceedings of the 1989 Annual Conference of the American Solar Energy Society: Technical Papers*, pp. 326-331, U.S. Section of the Solar Energy Society, Boulder.

Brief Contributions (Prefaces, Comments, Obituaries, Short Notes):

- 2020 Arlen F. Chase and Diane Z. Chase, "Foreward" in Marilyn Masson, David A. Freidel, and Arthur A. Demarest, Eds. *The Real Business of Ancient Maya Economies: From Farmers' Fields to Rulers' Realms*, University Press of Florida, Gainesville (in press).
- 2020 Arlen F. Chase and Diane Z. Chase, "Foreward" in In Brett A. Houk, Barbara Arroyo, and Terry G. Powis, Eds. *Approaches to Monumental Landscapes of the Ancient Maya*, pp. xiii-xv. University Press of Florida, Gainesville (in press).
- 2019 Arlen F. Chase and Diane Z. Chase, "Foreward" in Christopher S. Beekman. Ed. *Migrations in Late Mesoamerica*. University Press of Florida, Gainesville (in press).
- 2019 Arlen F. Chase and Diane Z. Chase, "Foreward" in Cara G. Tremain and Donna Yates, Eds. *The Market for Mesoamerica: Reflections on the Sale of Pre-Columbian Antiquities*, pp. ix-xi. University Press of Florida, Gainesville.
- 2019 Arlen F. Chase and Diane Z. Chase, "Foreward" in Heather McKillop, *Maya Salt Works*, pp. xiii-xiv. University Press of Florida, Gainesville.
- 2018 Arlen F. Chase and Diane Z. Chase, "Foreward" in Jonathan Kaplan and Francisco Paredes-Umana, *Water, Cacao, and the Early Maya of Chocola*, pp. xvii-xix. University Press of Florida, Gainesville.
- 2018 Arlen F. Chase and Diane Z. Chase, "Foreward" in M. Kathryn Brown and George Bey, Eds. *Pathways to Complexity: A View from the Maya Lowlands*, pp. xiii-xiv. University Press of Florida, Gainesville.
- 2017 Diane Z. Chase and Arlen F. Chase, "Foreward" in Marcus Eberl, *War Owl Falling: Innovation, Creativity, and Culture Change in Ancient Maya Society*, pp. xi-xii, University Press of Florida, Gainesville.
- 2017 Arlen F. Chase, "Invited Comment on 'Early Urban Planning, Spatial Strategies, and the Maya Gridded City of Nixtun-Ch'ich', Peten, Guatemala' by Timothy Pugh and Prudence Rice," *Current Anthropology* 58(5): 593-594 [576-603].
- 2016 Diane Z. Chase and Arlen F. Chase, "Foreward" in Debra Walker, Ed. *Perspectives on the Ancient Maya of Chetumal Bay*, pp. xv-xvi, University Press of Florida, Gainesville.
- 2014 Arlen F. Chase and Diane Z. Chase, "Obituary for Peter D. Harrison," *The SAA Archaeological Record* 14 (5):40.
- 2014 Arlen F. Chase and Vernon L. Scarborough, "Forward," in A. Chase and V. Scarborough, Eds. *The Resilience and Vulnerability of Ancient Landscapes: Transforming Maya Archaeology through IHOPE*, AP3A Paper 24(1), pp. v-vi, American Anthropological Association, Arlington, VA.
- 2013 Diane Z. Chase and Arlen F. Chase, "Forward," in A. Foias, *Ancient Maya Political Dynamics*, pp. xi-xii, University Press of Florida, Gainesville.
- 2013 Arlen F. Chase and Diane Z. Chase, "Preface," in J. Aimers, Ed. *Ancient Maya Pottery: Classification, Analysis, and Interpretation*, pp. vi-vii, University Press of Florida, Gainesville.
- 2012 Diane Z. Chase and Arlen F. Chase, "Preface," in C. Robin, Ed. *Chan: An Ancient Maya Farming Community*, pp. xiii-xiv, University Press of Florida, Gainesville.
- 2011 Arlen F. Chase, "We Remember Merle Greene Robertson," *Stevenson Alumni Magazine* (Spring/Summer):49.

Brief Contributions (Prefaces, Comments, Obituaries, Short Notes): (continued)

- 2011 Arlen F. Chase and Diane Z. Chase, "Working for Bill," "Bill on Writing," "Bill on Ceramics," "Advice from Bill," "Bill on Archaeology," in "Recollections of Bill Coe and His Career as a Maya Archaeologist. Part 2. After Tikal – Chalchuapa, Quirigua, In the Classroom, and at Home" compiled by R. Sharer," *The Codex* 19(3):3-36 and 19(4):12-46.
- 2006 Diane Z. Chase and Arlen F. Chase, "Preface" in C. McNeil, Ed. *The Origins of Chocolate: Cacao in the Americas*, pp. xv-xvi, University Press of Florida, Gainesville.
- 2005 Diane Z. Chase and Arlen F. Chase, "Preface" in J. Palka, *Unconquered Lacandon Maya: Ethnohistory and Archaeology of the Indigenous Culture Change*, pp. xvii-xviii, University Press of Florida, Gainesville.
- 2004 Arlen F. Chase and Diane Z. Chase, "Preface" in J. Garber, Ed. *Maya Archaeology in the Belize Valley: Fifty Years of Research*, pp. xix-xx, University Press of Florida, Gainesville.
- 2003 Diane Z. Chase and Arlen F. Chase, "Preface" in R. Nance, S. Whittington, and B. Borg, *Archaeology and Ethnohistory of Iximche*, pp. xix-xx, University Press of Florida, Gainesville.
- 2002 Diane Z. Chase and Arlen F. Chase, "Preface" in H. McKillop, *Salt: White Gold of the Ancient Maya*, pp. xvii-xix, University Press of Florida, Gainesville.
- 1998 Arlen F. Chase and Diane Z. Chase, "Termini, Test Excavations, and Surprises: The 1998 Field Season at Caracol, Belize," *Pre-Columbian Art Research Institute Newsletter* 26:7-8.
- 1997 Arlen F. Chase and Diane Z. Chase, "Caracol: The Thirteenth Tun 1997 Season," *Pre-Columbian Art Research Institute Newsletter* 23:2-3.
- 1996 Diane Z. Chase and Arlen F. Chase, "Clarissa 'Carrie' Hunter-Tate" (Obituary), *Anthropology Newsletter* 37(1):47 (January).
- 1995 David Pendergast with Arlen Chase, Diane Chase, Elizabeth Graham, and Norman Hammond, "One Person's Impact on Archaeology" (Obituary for Harriot W. Topsey), *Latin American Antiquity* 6(4):291-292.
- 1995 Arlen F. Chase and Diane Z. Chase, "Terraces, Tunnels, and Transects: The Caracol Project 1995," *Pre-Columbian Art Research Institute Newsletter* 21:5-6 (December)
- 1994 Arlen F. Chase and Diane Z. Chase, "Over Hill and Dale: Caracol 1994," *Pre-Columbian Art Research Institute Newsletter* 19:3 (October).
- 1993 Arlen F. Chase, "Invited Comment on 'Itza Maya Tropical Agro-Forestry' by Scott Atran," *Current Anthropology* 34(5): 689-690.
- 1993 Arlen F. Chase and Diane Z. Chase, "Tourists, Tombs, and Trash: The 1993 Field Season at Caracol," *Pre-Columbian Art Research Institute Newsletter* 17:7 (September).
- 1992 Diane Z. Chase and Arlen F. Chase, "Preface," in D.Z. Chase and A.F. Chase, Eds., *Mesoamerican Elites: An Archaeological Assessment*, pp. xi-xiv, University of Oklahoma Press, Norman (reprinted 1994).
- 1991 Arlen F. Chase and Diane Z. Chase, "Caracol," *Pre-Columbian Art Research Institute Newsletter* 14:3-4.
- 1985 "Preface," in A.F. Chase and P.M. Rice, Eds., *The Lowland Maya Postclassic*, pp. vii-viii, University of Texas Press, Austin (with P.M. Rice).

PROFESSIONAL VIDEO/FILM PRODUCTIONS FOCUSING ON MY RESEARCH:

2018	<i>Lord of Death</i>	BBC Discovery, What on Earth; 15 minutes of an hour program; Maya collapse at Caracol, filmed at site in August, broadcast worldwide Spring 2018.
2017	<i>Adventure: Caribbean</i>	German PBS, Terra X, 42 and 52 minutes; 25% of program is on our research at Caracol during the 2017 field season, first broadcast July 30, 2017 in France and Germany (audience of 5 million).
2008	<i>In the Shadow of the Sun God</i>	Discovery Channel, Bone Detectives, 54 minutes (strange <i>film noir</i> show uses our Caracol research during the 2007 field season as a backdrop), first broadcast February 11, 2008.
2006	<i>Mayan Doomsday Prophecy</i>	The History Channel, 53 minutes (primary spokesperson on archaeology, the calendar, and hieroglyphic interpretation), first broadcast August 2006.
2001	<i>Hidden City of the Maya</i>	Science Times/National Geographic, 13 minutes (focuses on Caracol as an "edge city" and on our 2001 field season); broadcast July 2001.
1997	<i>Maya Prophecy</i>	"Sightings" (Millenium Watch #2)/ The Sci-Fi Channel, 6:20 minutes (shot in UCF archaeology laboratory); aired internationally multiple times.
1997	<i>Beyond Chalk: Technology in The Classroom</i>	Central Florida Educational Consortium (6 minutes on Caracol out of 28 minutes), shown on and distributed nationally by PBS.
1995	<i>Belize: The Maya Heritage</i>	Great Belize Productions, Ltd. (ca. 5 minutes of Caracol footage out of 32), made for and distributed by the United Nations.
1995	<i>Ancient Uplink</i>	ABC "Prime Time Live" (focus on MayaQuest, Caracol, and long-distance learning; 12 minutes, broadcast December 20).
1995	<i>Searching for the Maya</i>	Pyramid Films, Ltd., 60 minutes (focuses on: Caracol 1986, 1989, 1991, 1992, 1993; Santa Rita Corozal 1984, 1985), internationally distributed by PBS.
1995	<i>Uxmal</i>	"Mysterious Places" (Episode 7008)/ The Travel Channel, 22 minutes (shot in UCF office), aired internationally multiple times.
1994	<i>The Ancient Maya of Belize</i>	Orange County Education Access Network, 58 minutes; shown on PBS in conjunction with the Jason Project.
1993	<i>Lost Kingdoms of the Maya</i>	National Geographic Society Special (6 minutes of Caracol footage out of 57), shown internationally, reviewed in <i>Archaeology</i> 47[6]:87.
1993	<i>The Maya Way of Death</i>	National Geographic Society "Explorer," 16 minutes, shown internationally.
1990	<i>The Plundered Heritage</i>	Pyramid Films, Ltd., 30 minutes; shown on PBS, reviewed in <i>Archaeology</i> 43[4]:69. REISSUED as a DVD by Left Coast Press, February 2013.
1990	<i>Quest for the Maya</i>	BBC (10 minutes of Caracol footage out of 57); shown internationally and nationally on PBS.
1990	<i>Maya Conquerors of Caracol</i>	University of Central Florida, 30 minutes; shown on PBS, reviewed in <i>Archaeology</i> 47[6]:87.
1988	<i>Caracol: The Lost Maya City</i>	Pyramid Films, Ltd., 60 minutes; distributed nationally and internationally; 2 nd most viewed special on PBS, reviewed in <i>Archaeology</i> 41[5]:76.
1987	<i>Caracol</i>	Great Belize Productions, Ltd. for "Belize All Over" TV Series; shown in Belize and Great Britain.

TECHNICAL REPORTS:

Annual Field Reports for Caracol Archaeological Project, spanning 1996 to present, may be found at:
<http://www.caracol.org> .

TV APPEARANCES:

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| 2018 | <i>Giant Brain, Mayan Pyramid and Beauty Queen Cakes</i> | Food Network , for “Vegas Cakes: Season 2, Episode 12,” first airing on June 16, 2018. Cake is a model of the Caana architectural complex at Caracol to celebrate our archaeological research at the site. |
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VIDEOS PRODUCED:

- 1987 *Maya Archaeology at Caracol, Belize: Glimmers of a Forgotten Realm*, University of Central Florida, 00:18:39; available at www.caracol.org (with D.Z. Chase).
- 1986 *Offerings to the Gods: Maya Archaeology at Santa Rita Corozal, Belize*, University of Central Florida, 00:16:26; available at www.caracol.org (with D.Z. Chase).
- 1984 *Maya Archaeology in Belize: University of Central Florida - 1984*, University of Central Florida, 00:15:22; available at www.caracol.org (with R. Arnold, D.Z. Chase, R. Okoniewski, R. Schyberg).

PROFESSIONAL PAPERS PRESENTED: INVITED:

- 2018 “The Impact of Caracol Lidar on Mesoamerican Archaeology a Decade Later.” Paris Conference on Archaeological Lidar, French Institute of Asian Studies (EFEO), Paris, France (with D.Z. Chase and A.S.Z. Chase, December 11-12).
- 2018 “Regional Management at Caracol, Belize.” IHOPE Conference on “If the Past Teaches, What does the Future Learn?” National Socio-Environmental Synthesis Center (SESYNC), University of Maryland, Annapolis, Maryland (October 29-November 2).
- 2018 “Extracting “Maya”: Archaeology, Foreign Contacts, and Resilience in Maya Identity. “On Time and Being Maya: A Working Group Session,” Santa Fe Institute, Santa Fe, New Mexico (with D.Z. Chase, August 29-30).
- 2017 “The Transformation of Maya Kingship from the Vantage Points of Caracol and Santa Rita Corozal, Belize.” Conference on: “Rupture or Transformation of Maya Kingship? From Classic to Postclassic Times,” Kyoto University of Foreign Studies, Kyoto, Japan (with D.Z. Chase, November 11-14).
- 2017 “Scale and Political Integration of Ancient Maya Polities: Ideology, Frame Analysis, and Caracol, Belize.” Regimes of the Classic Maya (sponsored by the Wenner-Gren Foundation), Tulane University, New Orleans (with D.Z. Chase, September 1-4).
- 2017 “Situating Time in the Maya Archaeological Record.” Telling Time: Myth, History, and Everyday Life in the Ancient Maya World: The Third Working Group Session, Santa Fe Institute, Santa Fe, New Mexico (with D.Z. Chase, August 24-26).

PROFESSIONAL PAPERS PRESENTED: INVITED (continued):

- 2017 “Ancient Maya Tropical Resilience: The Built Environment at Caracol, Belize.” Colloquium on “Vulnerability and Resilience: From Catastrophe to Complexity in the Premodern Mediterranean and the Pre-Columbian Americas Americas,” Climate Change and History Research Initiative, Princeton University, New Jersey (May 5-6).
- 2016 “Materializing Time in the Archaeological Record: Maya Examples.” Maya Materialization of Time: Second Working Group Session, Santa Fe Institute, Santa Fe, New Mexico (with D.Z. Chase, August 26-28).
- 2015 “Maya Urbanism: What Do We Know?” Urban Settlement Scaling Working Group, Santa Fe Institute, Santa Fe, New Mexico (June 9-13).
- 2015 “The Materialization of Time in the Maya Archaeological Record.” The Maya Materialization of Time: History and Prophecy in Long-term Perspective, SFI Working Group, Santa Fe Institute, Santa Fe, New Mexico. (with D.Z. Chase; February 14).
- 2014 “The Use of LiDAR in Understanding the Ancient Maya Landscape: Caracol and Western Belize.” Conference on Digital Domains: Perspectives in Remote Sensing of Human Landscapes, Neukom Institute for Computational Science and Department of Anthropology, Dartmouth College, NH (with D.Z. Chase and J.F. Weishampel, March 20-22).
- 2013 “Maya Sustainability and Resilience at Caracol, Belize: Implications for Theories of Sustainability.” Conference on Resilience and Sustainability: What Are we Learning from the Maya and Other Ancient Cultures? University of Minnesota, Minneapolis, Minnesota (with D.Z. Chase – November 8).
- 2013 The Distribution and Significance of E-Groups: An Historical Background.” Conference on Early Maya E-Groups, Solar Calendars, and the Role of Astronomy in the Rise of Lowland Urbanism: The Second Working Group, Santa Fe Institute, New Mexico (with Anne Dowd and David Freidel – August 24).
- 2013 “E Groups and the Rise of Complexity in the Southeastern Maya Lowlands.” Conference on Early Maya E-Groups, Solar Calendars, and the Role of Astronomy in the Rise of Lowland Urbanism: The Second Working Group, Santa Fe Institute, New Mexico (with D.Z. Chase – August 24).
- 2013 “Use of LiDAR to Detect Maya Features to Simulate Landscape Processes.” Conference entitled: Les Apports du LiDAR a nos Connaissances sur l’evolution des Paysages Anciens. Strasbourg, France (J.F. Weishampel, A.F. Chase, D.Z. Chase, and J.N. Hightower – April).
- 2013 “The Legacy of Maya Agricultural Terraces at Caracol, Belize.” UISPP International Workshop on Application of LiDAR Surveys in Archaeology, Paris, France (J.F. Weishampel, A.F. Chase, D.Z. Chase, and J.N. Hightower – March).
- 2012 “Early E Groups and Large Communities.” Conference on Early Maya E-Groups, Solar Calendars, and the Role of Astronomy in the Rise of Lowland Urbanism, Santa Fe Institute, New Mexico (with D.Z. Chase - August 25).
- 2012 “LiDAR, the Ancient Maya, and Caracol, Belize.” APSARA Conference on Tropical Forest Urbanism (Urban Landscapes Roundtable), Siem Reap, Cambodia (A.F. Chase, D.Z. Chase, and J.F. Weishampel – July 11).
- 2012 “Delineation of Landscape Features across the Maya Polity of Caracol using Airborne LiDAR.” UISPP International Workshop on Application of LiDAR Surveys in Archaeology, Paris, France (J.F. Weishampel, A.F. Chase, D.Z. Chase, and J.N. Hightower – March 5).
- 2011 “The Use of LiDAR at the Maya Site of Caracol in Belize.” NASA ROSES Space Archaeology Workshop on Research and World Heritage, Baltimore, Maryland (A.F. Chase, D.Z. Chase, and J.F. Weishampel – Oct. 9).

PROFESSIONAL PAPERS PRESENTED: **INVITED** (continued):

- 2011 "Infrastructure, Sustainability, and Ancient Maya City Planning: Low-Density Urbanism at Caracol, Belize." Low Density Urbanism and the Environment Conference, Amerind Foundation, Dragoon, Arizona (with D.Z. Chase – April).
- 2010 "Implications of Landscape Archaeology at Caracol, Belize, for the Interpretation of Ancient Maya Society and Socio-Territorial Organization." 15th European Maya Conference, Madrid, Spain (with D.Z. Chase – December).
- 2010 "La Antigua Revolucion Maya: Construccion y disolucion de los sistemas politicos de Caracol, Belice." VIII Congreso Internacional de Mayistas, Mexico City (with D.Z. Chase – August).
- 2010 "La Antigua Estabilidad Maya: Tecnicas de la Elite Dirigente y Cambio Social en el Registro Arqueologico de Caracol, Belice." VIII Congreso Internacional de Mayistas, Mexico City (with D.Z. Chase – August).
- 2010 "An Ancient Tropical City in the Context of Sustainability from the Maya Mountains." *IHOPE2*, Arizona State University, Tempe (A.F. Chase, D.Z. Chase, and J.F. Weishampel - January).
- 2009 "Comingled Rituals: analizando comportamientos públicos y privados en el registro arqueológico de Caracol, Belice." IX Mesa Redonda de S.E.E.M., Granada, Spain (Ritual Publico Ritual Privado; with D.Z. Chase – March).
- 2009 "Urbanism as Sustainable Adaptation: Ancient Maya Settlement Responses in a Tropical Environment." School of American Research seminar entitled *IHOPE-Maya: Tropical Sustainability from an Ancient Context*, Santa Fe, New Mexico (with D.Z. Chase - January).
- 2008 "Caracol, Belize: Twenty-five Years of Maya Archaeology." Merle Greene Robertson Symposium, Palenque, Mexico (with D.Z. Chase – July 10; one of five invited presentations).
- 2005 "En el Medio del Ninguna – En el Centro del Universo: Perspectivos en la Localizacion del Sitios Mayas Largos y Pequenos." VII Mesa Redonda de S.E.E.M., Pamplona, Spain (Fundaciones; with D.Z. Chase – September).
- 2002 "Secular, Sagrado y Volver a Visitar: La Antigua Profanación, Perturbación y Reconsagración de Entierros Mayas." VI Mesa Redonda de S.E.E.M., Santiago de Compostella, Spain (La Muerte Maya; with D.Z. Chase – October).
- 2002 "Patrones de Enterramiento y Ciclos Residenciales en Caracol, Belice." Cuarto Mesa Redonda de Palenque, Palenque, Mexico (with D.Z. Chase - June).
- 1999 "El Paisaje Urbano Maya: La Integracion de los Espacios Construidos y la Estructura Social en Caracol, Belice." V Mesa Redonda de S.E.E.M., Valladolid, Spain (La Ciudad Antigua; with D.Z. Chase and C. White – October).
- 1999 "Maya Social Organization from a "Big Site" Perspective: Classic Period Caracol, Belize and Tikal, Guatemala." Tercera Mesa Redonda de Palenque, Palenque, Mexico (with D.Z. Chase - June).
- 1998 "Palaces, Power, and Politics at Late Classic Caracol, Belize." Invited Conference on Royal Courts of the Ancient Maya, Yale University, New Haven (with D.Z. Chase - November).
- 1998 "Maya Transitions: Interpreting the "Long-Playing" Archaeological Record." Mayan Culture at the Millennium: Retrospect and Prospect (Part I), Buffalo (April).

PROFESSIONAL PAPERS PRESENTED: **INVITED** (continued):

- 1998 "Relatos desde las Tumbas: Contextos Sociales y Variabilidad Mortuoria en Caracol, Belice." I Congreso Regional de Investigadores en Ciencias Sociales, Universidad Autonoma de Yucatan, Merida, Mexico (with D.Z. Chase – June).
- 1997 "Planeacion Civica e Integracion del Sitio en Caracol, Belice." Universidad Autonoma de Campeche, Mexico (November).
- 1995 "Do You See What I See?": Deconstructing the Mythology of the Classic Maya Collapse." 2nd Annual UCLA Maya Weekend, Los Angeles (with D.Z. Chase - October).
- 1995 "Classic Maya Warfare as Viewed from Caracol, Belize." 1995 Mesa Redonda de Palenque, Palenque, Mexico (with D.Z. Chase - September).
- 1994 "Through the Glass Surface of the Maya Pond: Long-Term Archaeological Research in Caracol, Belize." 12th Annual University Museum Maya Weekend, Philadelphia (April).
- 1994 "The Architectural Context of Caches, Burials, and Other Ritual Activities for the Classic Period Maya." Dumbarton Oaks Symposium "Function and Meaning in Classic Maya Architecture," Washington, D.C. (with D.Z. Chase - October).
- 1993 "A Critical Consideration of Archaeology and Epigraphy at Caracol, Belize." 9th Texas Symposium, The Maya Meetings, 18th Session, Austin, Texas (March).
- 1993 "The Organization and Composition of Classic Lowland Maya Society: The View from Caracol, Belize." Eighth Mesa Redonda de Palenque, Palenque, Mexico (with D.Z. Chase - June).
- 1992 "External Impetus, Internal Synthesis, and Standardization: E Group Assemblages and the Crystalization of Classic Maya Society in the Southern Lowlands." International Conference on the Emergence of Lowland Maya Civilization, Hildesheim, Germany (with D.Z. Chase - November).
- 1990 "Caracol and the Conquest of Tikal." Texas Symposium, The Maya Meetings, 14th Session, Austin, Texas (with D.Z. Chase - March).
- 1989 "Maya Veneration of the Dead at Caracol, Belize." Seventh Palenque Round Table Conference, Palenque, Mexico (with D.Z. Chase - June).
- 1989 "Caracol Update: Archaeology at Caracol from 1986-1989." Seventh Palenque Round Table Conference, Palenque, Mexico (with D.Z. Chase - June).
- 1987 "El Norte y el Sur: Politica, Dominios, y Evolucion Cultural Maya." II Mesa Redonda de S.E.E.M., Granada, Spain (Los Mayas del Norte de Yucatán; with D.Z. Chase - December).
- 1986 "Cycles of Time: Caracol in the Maya Realm." Sixth Palenque Round Table Conference, Palenque, Mexico (June).
- 1985 "Putting Together the Pieces: Maya Pottery of Northern Belize and the Central Peten of Guatemala." 1985 Maya Ceramic Conference, Washington, D.C. (with D.Z. Chase - December).
- 1985 "Conocimientos Arqueologicas Maya de Tierra Baja de La Epoca del Contacto." Primera Mesa Redonda de S.E.E.M. (Hernan Cortes en el Area Maya, Toledo, Spain; with D.Z. Chase - November).
- 1983 "Troubled Times: The Archaeology and Iconography of the Terminal Classic Southern Lowland Maya." Mesa Redonda de Palenque (June).

PROFESSIONAL PAPERS PRESENTED: INVITED (continued):

- 1982 "Time Depth or Vacuum: The Correlation Problem in the Lowland Maya Postclassic." Advanced Seminar of the School of American Research, "After the Fall: New Perspectives on the Postclassic Period in the Maya Lowlands," Santa Fe (October).
- 1980 "Contextual Implications of Pictorial Vases from Tayasal, Peten." Cuarto Mesa Redonda de Palenque, Mexico (June).

PROFESSIONAL PAPERS PRESENTED: CONTRIBUTED AND PEER-REVIEWED:

- 2019 "Life at the Edge of the Maya World: Late Classic Period Deposits at Santa Rita Corozal," 17th Annual Belize Archaeology Symposium, San Ignacio, Cayo (A.F. Chase and D.Z. Chase – June).
- 2019 "Archaeological Research and Conservation at Santa Rita Corozal, Belize: Results of the 2012-2013 Institute of Archaeology Conservation Project," 17th Annual Belize Archaeology Symposium, San Ignacio, Cayo (J.J. Awe, J. Can, A.F. Chase, and D.Z. Chase – June).
- 2019 "A Decade Later: The Impact of Caracol LiDAR Surveys on Archaeological Interpretation in the Maya Area," XI Congreso Internacional de Mayistas, Chetumal, Mexico (A.F. Chase, D.Z. Chase, and A.S.Z. Chase – June).
- 2019 "Ancient Maya Sustainability at Caracol, Belize: Implications for the Past and Future," 84th Annual Meetings of the Society for American Archaeology, Albuquerque, NM (A.S.Z. Chase, D.Z. Chase, and A.F. Chase – April).
- 2019 "An Interpretive Framework and Description of Ritualized Obsidian from Caracol, Belize," 84th Annual Meetings of the Society for American Archaeology, Albuquerque, NM (Lucas Martindale Johnson, A.F. Chase, and D.Z. Chase – April).
- 2019 "Discussant: Learning from the Past, Looking Towards the Future: Archaeological Ethics and the SAA," Presidential Forum, 84th Annual Meetings of the Society for American Archaeology, Albuquerque, NM (April).
- 2019 "Discussant: #MeToo in Archaeology," Forum Sponsored by the SAA Ethics Committee, 84th Annual Meetings of the Society for American Archaeology, Albuquerque, NM (April).
- 2018 "The Role of Central Belize in the Development of Maya Archaeology: A Critical Assessment," 16th Annual Belize Archaeology Symposium, San Ignacio, Cayo (A.F. Chase and D.Z. Chase – June).
- 2018 "Final Moments: Contextualizing On-Floor Archaeological Materials from Caracol, Belize," 83rd Annual Meetings of the Society for American Archaeology, Washington, D.C. (A.F. Chase and D.Z. Chase – April).
- 2018 "Sustainability and Climate Change in the Ancient Maya Area: Evidence from Remote Sensing and Long Term Land Use," 83rd Annual Meetings of the Society for American Archaeology, Washington, D.C. (D.Z. Chase and A.F. Chase – April).
- 2018 "Discussant: Researching the Ancient Maya of Pacbitun, Belize: A Decade of Archaeological Discovery," 83rd Annual Meetings of the Society for American Archaeology, Washington, D.C. (A.F. Chase – April).
- 2017 "Changing Maya Society?: The Protoclassic at Caracol, Belize and in the Maya Area," 15th Annual Belize Archaeology Symposium, San Ignacio, Cayo (A.F. Chase and D.Z. Chase – June).
- 2017 "Situating Preclassic Interments and Fire-pits at Santa Rita Corozal, Belize," 15th Annual Belize Archaeology Symposium, San Ignacio, Cayo (A.S.Z. Chase, D.Z. Chase and A.F. Chase – June).

PROFESSIONAL PAPERS PRESENTED: CONTRIBUTED AND PEER-REVIEWED (continued):

- 2017 “Chetumal’s Dragonglass: Postclassic Obsidian Production and Exchange at Santa Rita Corozal, Belize,” 15th Annual Belize Archaeology Symposium, San Ignacio, Cayo (M. Seidita, D.Z. Chase and A.F. Chase – June).
- 2017 “Discussant: Flooded Ancient Maya Salt Works, Paynes Creek National Park, Belize,” 82nd Annual Meetings of the Society for American Archaeology, Vancouver, British Columbia, Canada (A.F. Chase – April).
- 2017 “Discussant: LiDAR in the Maya Heartland: Results of the 2016 LiDAR Survey in Guatemala’s Maya Biosphere Reserve,” 82nd Annual Meetings of the Society for American Archaeology, Vancouver, British Columbia, Canada (A.F. Chase – April).
- 2016 “Discussant: Bridging the Gap: A Comparative Examination of Mapping Landscapes in Antiquity,” 115 Annual Meetings, American Anthropological Association, Minneapolis, MN (A.F. Chase – November).
- 2016 “The Interpretation of Ancient Maya Architectural Plans and Spatial Layouts: Contextualizing Caracol, Belize,” 14th Annual Belize Archaeology and Anthropology Symposium, San Ignacio, Cayo, Belize (A.F. Chase and D.Z. Chase – July).
- 2016 “Comparing Ancient Human-Nature Relationships at Tikal, Guatemala and Caracol, Belize,” 81st Annual Meetings of the Society for American Archaeology, Orlando, Florida (A.F. Chase and D.Z. Chase – April).
- 2016 “The Economic Landscape of Caracol, Belize,” 81st Annual Meetings of the Society for American Archaeology, Orlando, Florida (D.Z. Chase and A.F. Chase – April).
- 2016 “Discussant: Comparative Approaches to Complexity in the Tropics,” 81st Annual Meetings of the Society for American Archaeology, Orlando, Florida (A.F. Chase – April).
- 2015 “Scalar Political Units and Complex Adaptive Systems in the Classic Maya Landscape,” 114 Annual Meetings, American Anthropological Association, Denver, Colorado (D.Z. Chase and A.F. Chase – November).
- 2015 “Determining Ancient Maya Demography and Population Change over Time,” Conference on Complex Systems 2015, Tempe, Arizona (A.F. Chase and D.Z. Chase – October).
- 2015 “Land Use, Scaling, and the Ancient Maya,” Conference on Complex Systems 2015, Tempe, Arizona (D.Z. Chase and A.F. Chase – October).
- 2015 “The Impact of Urbanization on the Maya Complex System,” Conference on Complex Systems 2015, Tempe, Arizona (A.F. Chase, D.Z. Chase, and M.E. Smith – October).
- 2015 “The Ancient Maya Anthropogenic Landscape: Settlement Archaeology at Caracol, Belize,” 13th Annual Belize Archaeology and Anthropology Symposium, San Ignacio, Cayo, Belize (A.F. Chase and D.Z. Chase – July).
- 2015 “Seventh Century Star Wars: Reassessing the Role of Warfare in Shaping Classic Period Maya Society in the Southern Lowlands,” 80th Annual Meetings of the Society for American Archaeology, San Francisco, California (A.F. Chase and D.Z. Chase – April).
- 2015 “Iconographic Portraiture and Political Implications: Peter Harrison’s Contribution to Mayanists’ Understanding of Site Q,” 80th Annual Meetings of the Society for American Archaeology, San Francisco, California (D.Z. Chase and A.F. Chase – April).
- 2015 “Residential Architecture at Caracol, Belize: Conjoined Buildings and Distributed Space,” 80th Annual Meetings of the Society for American Archaeology, San Francisco, California (Adrian S.Z. Chase, A.F. Chase, and D.Z. Chase – April).

PROFESSIONAL PAPERS PRESENTED: CONTRIBUTED AND PEER-REVIEWED (continued):

- 2015 “‘Limestone Bars’ as Power Objects among the Ancient Maya: A Consideration of Objects as Active Participants in Ritual Practice,” 80th Annual Meetings of the Society for American Archaeology, San Francisco, California (Lisa M. Johnson, A.F. Chase, and D.Z. Chase – April).
- 2014 “The Use of LiDAR in Eastern Mesoamerica: Concluding Comments,” 47th Annual Chacmool Conference, Calgary, Canada (A.F. Chase – November).
- 2014 “Thirty Years of Archaeology at Caracol, Belize: Retrospective and Prospective,” 12th Annual Belize Archaeology and Anthropology Symposium, San Ignacio, Cayo, Belize (D.Z. Chase and A.F. Chase – July).
- 2014 “The Domestic Economy of Caracol, Belize: Access, Growth, and Exclusion in an Ancient Maya Urban Setting,” 12th Annual Belize Archaeology and Anthropology Symposium, San Ignacio, Cayo, Belize (A.F. Chase and D.Z. Chase – July).
- 2014 “Articulating with the Broader Economy: Chert Pressure Blade Technology in a Caracol Residential Group,” 12th Annual Belize Archaeology and Anthropology Symposium, San Ignacio, Cayo, Belize (L. Martindale Johnson, M. Carpenter, A.F. Chase and D.Z. Chase – July).
- 2014 “Large-Scale Maya Regional Settlement and Inter-Site Analysis: Results from the 2013 West-Central Belize LiDAR Survey,” 79th Annual Meetings of the Society for American Archaeology, Austin, Texas (A.F. Chase, D.Z. Chase, J. Awe, J. Weishampel, and G. Iannone - April).
- 2014 “A Complex World at Another Scale: Maya Heterarchy and Social Change,” 79th Annual Meetings of the Society for American Archaeology, Austin, Texas (V.L. Scarborough, J. Gunn, L. Lucero, A.F. Chase, and D.Z. Chase - April).
- 2013 “Classic Period Social Identities in the Maya Households of Caracol, Belize,” 11th Annual Belize Archaeology Symposium, San Ignacio, Cayo, Belize (A.F. Chase and D.Z. Chase – July).
- 2013 “Airborne LiDAR at Caracol, Belize: Implications for Heritage Management,” 33rd Annual Conference of the International Association for Impact Assessment, Calgary, Canada (A.F. Chase, D.Z. Chase, and J.F. Weishampel – May).
- 2013 “Maize and Stone: A Functional Analysis of the Manos and Metates of Santa Rita Corozal, Belize,” 78th Annual Meetings of the Society for American Archaeology, Honolulu, Hawaii (L.G. Duffy, A.F. Chase, and D.Z. Chase – April).
- 2013 “A Comparative Study of Multiple Bruker Tracer III Calibrated Instruments using Identical Analytical and Operational Procedures: Implications for Past, Present, and Future Obsidian Studies,” 78th Annual Meetings of the Society for American Archaeology, Honolulu, Hawaii (S. Brandt, L. Martindale Johnson, and A.F. Chase – April).
- 2013 “Fish from Afar: Marine Resource Use at Caracol, Belize,” 78th Annual Meetings of the Society for American Archaeology, Honolulu, Hawaii (P. Cunningham-Smith, A.F. Chase, and D.Z. Chase – April).
- 2012 “Temporal Cycles in the Archaeology of Maya Residential Groups at Caracol, Belize,” 10th Annual Belize Archaeology Symposium, San Ignacio, Cayo, Belize (A.F. Chase and D.Z. Chase – June).
- 2012 “Marketplaces in the Southern Maya Lowlands: The Economic Integration of Caracol, Belize,” 77th Annual Meetings of the Society for American Archaeology, Memphis, TN (D.Z. Chase and A.F. Chase – April).
- 2012 “New Approaches to Regional Archaeology in the Maya Area: LiDAR and Caracol, Belize,” 77th Annual Meetings of the Society for American Archaeology, Memphis, TN (A.F. Chase and D.Z. Chase - April).

PROFESSIONAL PAPERS PRESENTED: CONTRIBUTED AND PEER-REVIEWED (continued):

- 2012 “Ritual Use of the Human Form: A Contextual Analysis of ‘Charlie Chaplin’ Figurines,” 77th Annual Meetings of the Society for American Archaeology, Memphis, TN (Lisa Lomitola, A.F. Chase and D.Z. Chase – April).
- 2011 “Diversity, Resiliency, and IHOPE Maya: Using the Past to Inform the Present,” 110th Annual Meetings of the American Anthropological Association, Montreal, Canada (A.F. Chase and V. Scarborough – November).
- 2011 “Maya Collapse, Declines, and Transformations,” Session Discussant, 44th Annual Chacmool Conference, Calgary, Canada (A.F. Chase – November 11).
- 2011 “Path Dependency in the Rise and Denouement of a Classic Maya City: The Case of Caracol, Belize,” 110th Annual Meetings of the American Anthropological Association, Montreal, Canada (D.Z. Chase and A.F. Chase – November).
- 2011 “Delineation of Landscape Features across the Maya Polity of Caracol using Airborne LiDAR,” XVI UISPP Congress, Florianopolis, Brazil (J.F. Weishampel, A.F. Chase, D.Z. Chase, and J.N. Hightower – September).
- 2011 “Modeling Maya Trade Routes: Economics, Site Locations, and Far-Flung Interactions,” 9th Annual Belize Archaeology Symposium, San Ignacio Cayo, Belize (A.F. Chase and D.Z. Chase – June).
- 2011 “Relating Ancient Maya Land Use Legacies to the Contemporary Tropical Forest of Caracol, Belize,” International Association of Landscape Ecology, Portland, Oregon (J. Hightower, J. Weishampel, A.F. Chase, and D.Z. Chase – April).
- 2011 “An Ancient Maya Urban Landscape: Integrated Settlement and Terracing in the Vaca Plateau,” 76th Annual Meetings of the Society for American Archaeology, Sacramento, California (A.F. Chase and D.Z. Chase – March).
- 2011 “Stoking the Funeral Fire: The Use of Green Obsidian during Cremation at Caracol, Belize,” 76th Annual Meetings of the Society for American Archaeology, Sacramento, California (L. Martindale Johnson, A.F. Chase, and D.Z. Chase - March).
- 2011 “An Ancient Maya Economic System: Archaeological Data and Caracol, Belize,” 76th Annual Meetings of the Society for American Archaeology, Sacramento, California (D.Z. Chase and A.F. Chase – March).
- 2011 “IHOPE Maya: Resilience and Rigidity in the Development and Disintegration of Complex Societies in the Tropical Lowlands of Mesoamerica,” Resilience 2011, ASU, Tempe, Arizona (K. Prufer, V. Scarborough, A. Chase, D. Chase, R. Cobos, N. Dunning, J. Gunn, S. Fedick, V. Fialko, G. Iannone, D. Lentz, R. Liendo, L. Lucero, J. Sabloff, J. Tainter, F. Valdez, and S. van der Leeuw – March).
- 2010 “Airborne LiDAR and Maya Landscape Archaeology: Viewing Status and Power from a Distance,” 8th Annual Belize Archaeology Symposium, San Ignacio Cayo, Belize (D.Z. Chase, A.F. Chase, J. Awe, and J.F. Weishampel – July).
- 2010 “Status and Power: Fiction and Reality in the Classic Maya World,” 8th Annual Belize Archaeology Symposium, San Ignacio Cayo, Belize (A.F. Chase and D.Z. Chase – July).
- 2010 “LiDAR Detection and Morphologic Analysis of Potential Below-Canopy Cave Openings in the Karst Landscape Around the Ancient Maya Polity of Caracol,” IGARSS (IEEE Geoscience and Remote Sensing Society), Honolulu, Hawaii (J.F. Weishampel, R.A. Patrick, J. Hightower, A.F. Chase, and D.Z. Chase - July).
- 2010 “The Application of Airborne LiDAR to an Ancient Maya Landscape,” 38th International Symposium on Archaeometry, Tampa, Florida (A.F. Chase, D.Z. Chase and J.F. Weishampel - May).

PROFESSIONAL PAPERS PRESENTED: CONTRIBUTED AND PEER-REVIEWED (continued):

- 2010 “Reflecting Critically on the Goals and Methods of Archaeological Practice” (Discussant), 75th Annual Meetings of the Society for American Archaeology, St. Louis, Missouri (April).
- 2010 “Relationships between LiDAR-Derived Rainforest Canopy Structure and Ancient Maya Land Use Legacies around Caracol, Belize,” 25th Annual Meeting of the U.S. International Association of Landscape Ecology, Athens, Georgia (J.F. Weishampel, J.N. Hightower, J.J. Angelo, A. Matos, A.F. Chase, and D.Z. Chase - April).
- 2009 “The Context of Ritual: Examining the Archaeological Record of Caracol, Belize,” 7th Annual Belize Archaeology Symposium, Belize City (with D.Z. Chase – July).
- 2009 “Remote Sensing of Ancient Maya Land Use Features at Caracol, Belize Related to Tropical Rainforest Structure,” 3rd International Conference on Remote Sensing, Tiruchirapalli, Tamil Nadu, India (J.F. Weishampel, A.F. Chase, D.Z. Chase, J.B. Drake, R.L. Shrestha, K.C. Slatton, J.J. Awe, J. Hightower, J. Angelo – August).
- 2009 “A Drought of Thought: The Maya Collapse in the Southern Lowlands,” 74th Annual Meetings of the Society for American Archaeology, Atlanta, Georgia (with D.Z. Chase – April).
- 2009 “Multiple Hats: Conjunctively Researching the Ancient Maya,” 74th Annual Meeting of the Society for American Archaeology, Atlanta, Georgia (with D.Z. Chase – April).
- 2008 “Complex Societies and the Interpretation of the Archaeological Record of Caracol, Belize: Aligning Method and Theory,” 6th Annual Belize Archaeology Symposium, Belize City, Belize (with D.Z. Chase – July 3).
- 2008 “Elites, Symbolic Production, and Economic Distribution at Caracol, Belize,” 73rd Annual Meeting of the Society for American Archaeology, Vancouver, Canada (with D.Z. Chase – March).
- 2007 “Ancient Maya ‘Travelers’: Linking Past and Present Worldviews,” 106th Annual Meeting of the American Anthropological Association, Washington, D.C. (with D.Z. Chase and Dianna Wilson-Moseley – December).
- 2007 “Antigua forma Maya urbana y el desarrollo en Caracol, Belice,” VII Congreso Internacional Mayistas, Merida, Mexico (with D.Z. Chase – July 13).
- 2007 “Teoria urbana y los antiguos Mayas,” VII Congreso Internacional Mayistas, Merida, Mexico (with D.Z. Chase – July 13).
- 2007 “Methodological Issues in the Archaeological Identification of the Terminal Classic and Postclassic Transition,” 5th Annual Belize Archaeology Symposium, Belize City, Belize (with D.Z. Chase – July 5).
- 2007 “Santa Rita Corozal: An Archaeological Understanding of the Late Postclassic Maya through the Lens of a Capital City in the Southern Lowlands,” 5th Annual Belize Archaeology Symposium,, Belize City, Belize (with D.Z. Chase – July 5).
- 2006 “Maya Hieroglyphs and History: An Archaeological Perspective,” International Congress of Americanists, Seville, Spain (with D.Z. Chase and R. Cobos – July 17-21).
- 2006 “What the Glyphs Don’t Tell You: Archaeology and History at Caracol, Belize,” International Congress of Americanists, Seville, Spain (with D.Z. Chase – July 17-21).
- 2006 “‘This is the End’: Archaeological Transitions and the Terminal Classic Period at Caracol, Belize.” 4th Annual Conference on Belize Archaeology, Belize City, Belize (with D.Z.C. – July).

PROFESSIONAL PAPERS PRESENTED: CONTRIBUTED AND PEER-REVIEWED (continued):

- 2005 "Late Classic Maya Pottery Production, Distribution, and Standardization at Caracol, Belize," 104th Annual Meeting of the American Anthropological Association, Washington, D.C. (with D.Z. Chase and A.M. Chase – December).
- 2005 "The Dawn of Maya Civilization: Preclassic Archaeology from Santa Rita Corozal," 3rd Annual Conference on Belize Archaeology, San Ignacio Cayo, Belize (with D.Z. Chase – July).
- 2005 "Before the Boom: Caracol's Preclassic Era," 3rd Annual Conference on Belize Archaeology, San Ignacio Cayo, Belize (with D.Z. Chase – July).
- 2005 "The Future and the Past: Type-Variety-Mode Analysis and Postclassic Ceramics at Santa Rita Corozal, Belize and Tayasal, Guatemala," 70th Annual Meeting of the Society for American Archaeology, Salt Lake City (with D.Z. Chase – April).
- 2005 "Ghosts Amid the Ruins: Analyzing Relationships Between the Living and the Dead Among the Ancient Maya of Caracol, Belize," 70th Annual Meeting of the Society for American Archaeology, Salt Lake City (with D.Z. Chase – April).
- 2004 "The Early Classic Period at Caracol, Belize: Transitions, Complexity, and Methodological Issues in Maya Archaeology," 2nd Annual Conference on Belize Archaeology, Belize City, Belize (with D. Chase – July).
- 2004 "The Early Classic Period at Santa Rita Corozal: Issues of Hierarchy, Heterarchy, and Stratification in Northern Belize," 2nd Annual Conference on Belize Archaeology, Belize City, Belize (with D.Z. Chase – July).
- 2004 "Breaking the Chains That Bind You: Archaeology and Context at Minanha and Caracol," Discussant for session entitled "A View from the Borderlands: Results of the First Five Seasons of Archaeological Research at Minanha, Belize," 69th Annual Meeting of the Society for American Archaeology, Montreal (April).
- 2004 "The Ever-Changing Maya: Ritual Adaptations and the Archaeological Record," 69th Annual Meeting of the Society for American Archaeology, Montreal (with D.Z. Chase – April).
- 2003 "Santa Rita Corozal: Twenty Years Later," 1st Annual Conference on Belize Archaeology, Belize City, Belize (with D.Z. Chase – July).
- 2003 "Exploring Ancient Economic Relationships at Caracol, Belize," 1st Annual Conference on Belize Archaeology, Belize City, Belize (with D.Z. Chase – July).
- 2003 "Classic to Postclassic: Continuity, Discontinuity, Method, and Practise in the Southern Maya Lowlands," 68th Annual Meeting of the Society for American Archaeology, Milwaukee (with D.Z. Chase – April).
- 2003 "Adding Flesh to Bones: Using Zooarchaeology Research to Answer Big Picture Questions," 68th Annual Meeting of the Society for American Archaeology, Milwaukee (with W.G. Teeter – April).
- 2001 "Scale and Longevity in Maya Settlement Pattern Studies," 100th Annual Meeting of the American Anthropological Association, Washington, D.C. (with D.Z. Chase – December).
- 2001 "Archaeological Reality and the Inference of Kinship and Social Organization at Caracol, Belize," 100th Annual Meeting of the American Anthropological Association, Washington, D.C. (with D.Z. Chase – December).
- 2001 "Textiles and the Maya Archaeological Record: Gender, Power, and Status in Classic Period Caracol, Belize," 66th Annual Meeting of the Society for American Archaeology, New Orleans (with Diane Z. Chase, Elayne Zorn, and Wendy Teeter – April).

PROFESSIONAL PAPERS PRESENTED: CONTRIBUTED AND PEER-REVIEWED (continued):

- 2000 "Caracol Time Travel Project," 3rd International Conference on Visual Computing, Mexico City (C.H. Hughes, J.M. Moshell, D. Reed, D.Z. Chase, and A.F. Chase – September).
- 2000 "Underlying Structure in Maya Persistence: An Archaeological Perspective," 50th International Congress of Americanists, Warsaw, Poland (with D.Z. Chase – July).
- 2000 "Inferences about Abandonment: Maya Household Archaeology and Caracol, Belize" 65th Annual Meeting of the Society for American Archaeology, Philadelphia (with Diane Z. Chase - April).
- 2000 "Contextualizing the Collapse: Terminal Classic Ceramics from Caracol, Belize," 65th Annual Meeting of the Society for American Archaeology, Philadelphia (with Diane Z. Chase - April).
- 2000 "Virtual Drama as a Learning Medium: The Caracol Time Travel Project," IEEE Virtual Reality 2000, New Brunswick, NJ (J.M. Moshell, C.E. Hughes, D. Reed, D.Z. Chase, and A.F. Chase - March).
- 1999 "Ceramic Analysis at Caracol, Belize: Interpreting Context and Form," 64th Annual Meeting of the Society for American Archaeology, Chicago (with Diane Z. Chase - March).
- 1999 "History, Archaeology, and Shifting Paradigms in Maya Studies," 64th Annual Meeting of the Society for American Archaeology, Chicago (with Diane Z. Chase - March).
- 1998 "Settlement Patterns, Warfare, and Hieroglyphic History at Caracol, Belize," 97th Annual Meeting of the American Anthropological Association, Philadelphia (with D.Z. Chase - December).
- 1998 "A Consideration of Classic Maya 'Palaces' at Caracol, Belize," 63rd Annual Meeting of the Society for American Archaeology, Seattle (with D.Z. Chase - March).
- 1998 "Human Skeletal Remains in Archaeological Context: Status, Diet, and Household at Caracol, Belize," 14th International Congress of Anthropological and Ethnological Sciences, Williamsburg, Virginia (with D.Z. Chase, C.D. White, and W. Giddens – July).
- 1998 "Tilting with Windmills: Minor Centers, Social Complexity, and Lowland Maya Settlement Archaeology," 63rd Annual Meeting of the Society for American Archaeology, Seattle (with D.Z. Chase - March).
- 1997 "Spatial Dynamics and Household Size and Composition at Caracol, Belize," 62nd Annual Meeting - Society for American Archaeology, Nashville (with D.Z. Chase -April).
- 1997 "Ancient Maya Causeways and the Intra-Site Organization of Caracol, Belize," 62nd Annual Meeting, Society for American Archaeology, Nashville (with D.Z. Chase -April).
- 1996 "Pugnacious Polities: Classic Maya Warfare Arenas," 61st Annual Meeting of the Society for American Archaeology, New Orleans (with D.Z. Chase - April).
- 1996 "Smoke and Mirrors: Before and After the Classic Maya Collapse," 61st Annual Meeting of the Society for American Arch., New Orleans (with D.Z. Chase - April).
- 1996 Discussant, "Dynamic Relations Among the Preclassic Maya," 61st Annual Meeting of the Society for American Archaeology, New Orleans (April).
- 1995 "Visions of Empire: Economy, Society, and Power at Caracol, Belize," 94th Annual Meetings of the American Anthropological Association, Washington, D.C. (with D.Z. Chase - November).

PROFESSIONAL PAPERS PRESENTED: CONTRIBUTED AND PEER-REVIEWED (continued):

- 1995 "Management Strategies and Cultural Change: the 7th through 9th Centuries at Caracol, Belize," 94th Annual Meetings of the American Anthropological Association, Washington, D.C. (with D.Z. Chase - November).
- 1995 "Empowering a Maya Capital: Settlement and Political History at Caracol, Belize," 1st International Symposium of Maya Archaeology, San Ignacio, Belize (May).
- 1994 "Interpreting the Classic Maya Collapse at Caracol, Belize," 93rd Annual Meetings of the American Anthropological Association, Atlanta, GA (with D.Z. Chase - December).
- 1993 "The Recognition of Ethnicity in the Maya Archaeological Record," 92nd Annual Meetings of the American Anthropological Association, Washington, D.C. (with D.Z. Chase - November).
- 1993 "Politics, Politics, and Social Dynamics: The Belize Valley and Caracol," 58th Annual Meeting of the Society for American Archaeology, St. Louis (April).
- 1992 "Archaeological Patterns and Social Change at Caracol, Belize," 91st Annual Meeting of the American Anthropological Association, San Francisco (with D.Z. Chase - December).
- 1992 "The Effect of Ancient Maya Agriculture on Terraced Soils of Caracol, Belize," 1st International Conference on Pedit-Archaeology, Orlando (with C.L. Coultas and M.E. Collins - February).
- 1991 "Warfare and the Classic Maya Collapse: The Perspective from Caracol, Belize," 47th International Congress of Americanists, New Orleans (with D.Z. Chase - July).
- 1990 "The Segmentary State Model as Applied to Maya Civilization," 89th Annual Meeting of the American Anthropological Association, New Orleans (December).
- 1989 "Photovoltaic Power for Remote Archaeological Research: A Case Study," The American Solar Energy Society, Annual Meeting, Denver (with J. Dunlop and D.Z. Chase - June).
- 1988 "Maya Warfare and the Classic Period Site of Caracol, Belize," 87th Annual Meeting of the American Anthropological Association, Phoenix (November).
- 1987 "Mesoamerican Elites: Assumptions, Definitions, and Models," 86th Annual Meeting of the American Anthropological Association, Chicago (with D.Z. Chase - November).
- 1987 "Elites and the Organization of Classic Maya Society," 86th Annual Meeting of the American Anthropological Association, Chicago (November).
- 1987 "Routes of Trade and Communication and the Integration of Maya Society: The Vista from Santa Rita Corozal, Belize," 52nd Annual Meeting of the Society for American Archaeology, Toronto, Canada (with D.Z. Chase - May).
- 1986 "Site Organization at Caracol, Belize: Implications for Settlement Patterns," 85th Annual Meeting of the American Anthropological Association, Washington, D.C. (December).
- 1985 "Private versus Public Space at Caracol, Belize: Implications for Classic Maya Organization," 84th Annual Meeting, American Anthropological Association, Washington, D.C. (December).
- 1985 "From the Outside Looking In: Peten Perspectives on Belize," 50th Annual Meeting of the Society of American Archaeology, Denver (May).

PROFESSIONAL PAPERS PRESENTED: CONTRIBUTED AND PEER-REVIEWED (continued):

- 1984 "Organizational Aspects of Classic Period Santa Rita Corozal, Belize," 83rd Annual Meeting, American Anthropological Association, Denver (November).
- 1983 "The Early Classic Period in the Southern Maya Lowlands: Temporal and Spatial Preconceptions and Alternatives," 82nd Annual Meeting, American Anthropological Association, Chicago (November).
- 1983 "Late Postclassic Site Organization at Santa Rita, Corozal, Belize, and Tayasal, Peten, Guatemala," XI International Congress of Anthropological and Ethnological Sciences, Vancouver (with D.Z. Chase - August).
- 1980 "Intrusive Elements in the Archaeology of Nohmul and Santa Rita", 45th Annual Meeting of the Society for American Archaeology, Philadelphia (May).
- 1980 "The Search for Holpatin: Historic Excavations in Orange Walk, Belize," 45th Annual Meeting of the Society for American Archaeology, Philadelphia (with R.J. Coffman and D.Z. Chase - May).
- 1979 "Postclassic Peten Interaction Spheres: The View from Tayasal," 78th Annual Meeting of the American Anthropological Association, Cincinnati (November).
- 1979 "Perspicuity and Ceramic Analysis: The Maya Terminal Classic," paper prepared and distributed for the XLIII Meeting of the International Congress of Americanists, Vancouver (with D.Z. Chase - August).

PROFESSIONAL SESSIONS ORGANIZED AND CHAIRED:

- 2020 "Ancient Mesoamerican Population History: Demography, Social Complexity, and Change," 85th Annual Meetings of the Society for American Archaeology, Austin, TX (A.F. Chase, D.Z. Chase, and A.S.Z. Chase – April). (under review)
- 2020 "Being Maya: Reconstructing Past Lifeways," SFI Working Group, Santa Fe Institute, Santa Fe, New Mexico. Organized with David Freidel and Anne Dowd (February).
- 2018 "On Time and Being Maya." SFI Working Group, Santa Fe Institute, Santa Fe, New Mexico. Organized with David Freidel and Anne Dowd (Aug. 29-30).
- 2018 "The Intersection of Sustainability and Climate Change in Tropical Social Systems," 83rd Annual Meetings of the Society for American Archaeology, Washington, D.C. (R.L. Fletcher, D.Z. Chase, and A.F. Chase – April).
- 2017: "Telling Time: Myth, History, and Everyday Life in the Ancient Maya World: The Third Working Group Session," Santa Fe Institute, Santa Fe, New Mexico. Organized with David Freidel and Anne Dowd (August 24-26).
- 2016: "Maya Materialization of Time II," SFI Working Group, Santa Fe Institute, Santa Fe, New Mexico. Organized with David Freidel and Anne Dowd (Aug.26-28).
- 2015: "Evolution of Ancient Maya Society as a Complex System," Conference on Complex Systems 2015 (CCS'15). Tempe, Arizona. Organized with Diane Z. Chase, Keith Prufer, and Vernon Scarborough (Oct. 1).
- 2015: "Maya Materialization of Time: History and Prophecy in Long-term Perspective," SFI Working Group, Santa Fe Institute, Santa Fe, New Mexico. Organized with David Freidel and Anne Dowd (Feb.13-16).

PROFESSIONAL SESSIONS ORGANIZED AND CHAIRED: (continued)

- 2014: "The Use of LiDAR in Mesoamerican Archaeology: New Approaches to Settlement and Research," 79th Annual Meetings of the Society for American Archaeology, Austin, Texas. Organized and Chaired with C.T. Fisher (April).
- 2011: "The Resilience and Vulnerability of Ancient Landscapes: Transforming Maya Archaeology Through IHOPE," 110th Annual Meetings of the American Anthropological Association – Executive Session, Montreal Canada. Organized and Chaired with V. Scarborough (November).
- 2011: "IHOPE-Maya IV," UCF, Orlando, Florida (15 international participants). Organized and Chaired with D.Z. Chase and V. Scarborough (January 5-9).
- 2006: "Maya Hieroglyphs and History: An Archaeological Perspective," International Congress of the Americanists, Seville, Spain. Organized and Chaired with D.Z. Chase and R. Cobos (July).
- 1987: "Mesoamerican Elites: An Archaeological Assessment," 86th Annual Meeting of the American Anthropological Association, Chicago. Organized and Chaired with D.Z. Chase (November).
- 1980: "Corozal Postclassic Project: Interim Report," 45th Annual Meeting of the Society of American Archaeology, Philadelphia. Organized and Chaired with D.Z. Chase (May).
- 1979: "Lowland Maya Postclassic: Questions and Answers," 78th Annual Meeting of the American Anthropological Association, Cincinnati. Organized and Chaired with P.M. Rice (November).

MUSEUM EXHIBITS:

- 2012-2019 **Maya: Hidden Worlds Revealed**, traveling exhibit mounted by Science Museum of Minnesota and Denver Museum of Nature & Science, exhibit focuses on the ancient Maya and includes significant materials from Caracol and Santa Rita Corozal (Consultant). Venues: Minneapolis, MN (June-Dec 2013); Denver, CO (Feb-Aug 2014); Museum of Science, Boston, MA (Oct 2014-May 2015); Ruben H. Fleet Science Center, San Diego, CA (June 2015-Jan 2016); Witte Museum, San Antonio, TX (May 2016-Sept 2016); Dallas, TX (Feb 2017-Sept 2017); Milwaukee, WI (Feb 2018-May 2018); Salt Lake City (Nov 2018-May 2019).
- 1999-present **The Ancient Maya of Caracol, Belize**, Institute of Archaeology Caracol Visitor's Center, on-site at Caracol, Belize (with D.Z. Chase); panels available for viewing at <http://www.caracol.org>.
- 1987-1995 **Glimmers of a Forgotten Realm: Maya Archaeology at Caracol, Belize**, Orlando Museum of Art at Loch Haven (with D.Z. Chase).
- 1986 **Offerings to the Gods: Maya Archaeology at Santa Rita Corozal**, Orlando Museum of Art at Loch Haven: Jan. 11 - Dec. 9, 1986. (with D.Z. Chase).
- 1985 **Maya Archaeology at the University of Central Florida**, University of Central Florida, Orlando: January. (with D.Z. Chase; non-museum setting).
- 1980 **Santa Rita Corozal: Up From the Ashes**, University Museum, Philadelphia: April - September. (with D.Z. Chase).

RESEARCH AND FIELD EXPERIENCE:

1985-present: Co-Director, Caracol Archaeological Project: Caracol, **Belize**:

2019 Season (Jan-March) involved a staff of 16 and a crew of 16.

Research focused on the second year of a 3-year investigation of the economic structure of Caracol's Late Classic marketing system through the excavation of three residential groups associated Puchituk Terminus market, 3 km distant from the epicenter, and two residential groups plus public architecture associated with the earlier Monterey node, 6 km distant from the epicenter.

2018 Season (Jan-March) involved a staff of 9 and a crew of 14.

Research focused on the first year of a 3-year investigation of the economic structure of Caracol's Late Classic marketing system through the excavation of residential groups associated with Puchituk Terminus market, 3 km distant from the epicenter, and residential groups associated with the earlier Monterey node, 6 km distant from the epicenter. Matrix sampling of the Puchituk and Monterey Plazas was also accomplished.

2017 Season (Jan-March) involved a staff of 12 and a crew of 17.

Research focused on the third year of a 3-year investigation of early epicentral remains at Caracol, specifically seeking archaeological evidence for potential exterior connections. Deep excavations were undertaken on the summit of Caana in order to penetrate the plaza floor 4 m below the Late Classic surface. Additional excavations were undertaken in three residential groups located northeast of Caana. A German television crew was present in February to film our investigations for a documentary program.

2016 Season (Jan-March) involved a staff of 14 and a crew of 15.

Research focused on the second year of a 3-year investigation of early epicentral remains at Caracol, specifically seeking archaeological evidence indicative of external connections. Deep excavations were undertaken in Structure B34 in the Northeast Acropolis, in the Central Acropolis, in the Structure B36 platform, in Structure B37, and in buildings adjacent to Structure B118.

2015 Season (Jan-March) involved a staff of 16 and a crew of 14.

Research focused on the first year of a 3-year investigation of early epicentral remains at Caracol, specifically seeking archaeological evidence for potential exterior connections. Deep excavations were undertaken in both the Northeast and Central Acropoli. Additionally, Structure B37 and the Structure B36 platform were loci for investigation, as was Structure B88 in the Ultimo residential group and the summit of Structure A13.

2014 Season (Jan-March) involved a staff of 16 and a crew of 15.

Research focused on third year of a 3-year investigation of a Maya "neighborhood" involving some 16 residential groups on the plateau upon which the Machete Terminus sits. The 2014 field season saw the investigation of 4 residential groups on the southern end of the plateau and 2 additional groups west of the plateau. The excavations focused in 4 structures (L48, L49, L50, L51) in "Alegre," 3 structures (L55, L56, L57) in "Dormir," 3 structures (L33, L35, L38) in "Sonrisa," 1 structure (L30) in "Tonto," 1 structure (C38) in "Vergonsoso," and 2 structures (C46, C55) in "Renegon."

2013 Season (Jan-March) involved a staff of 15 and a crew of 15.

Research focused on the second year of a 3-year investigation of a Maya "neighborhood" east of the Machete Terminus on the Mechete Plateau. The 2013 field season saw the investigation of 6 residential groups immediately south of those excavated in 2012, specifically on: Structures L5, L6, L7, L8, L9, and L12 in "Bimbo;" Structures L17, L19, and L21 in "Dulce;" Structures L24, L26 and L27 in "Pan;" Structures L39, L40, and L43 in "Galletas;" Structures L15 and L16 in "Tortilla;" and Structures L75 and L76 in "Migas." An additional excavation took place in the epicentral A Group plaza on axis to Structure A6 testing for ritual deposits associated with Caracol's E Group.

2012 Season (Jan-March) involved a staff of 17 and a crew of 15.

Research focused on beginning the 3-year investigation of a Maya "neighborhood" involving some 16 residential groups on the plateau upon which the Machete Terminus sits. The 2012 field season saw the investigation of 5 residential groups on the northern end of the plateau, specifically on: Structures K23, K26, and K31 in "Zumba;" Structures K12, K13, K14, and K29 in "Tango;" Structures K15, K16, K18, K19, and K21 in "Dos Aguadas;" Structures K24, K25, and K26 in "Terraza;" and, Structures L74 and L75 in "Salsa."

2011 Season (Jan-March) involved a staff of 17 and a crew of 26.

Investigations focused on four separate sub-projects. The first sub-project was the continuation of the investigation of the double group comprising Structures F30-F42, focusing on Structures F34, F35, and F38 during 2011. The second sub-project involved contextualizing the archaeological data collected from Structures F30-42 in terms of three neighboring groups; new excavations were undertaken in Structures F3, F9, F11, F14, F24, and the F1 chultun; these data may be combined with the previously excavated Structures F2, F4, and F21. The third subproject involved ground-checking LiDAR data, especially for causeways and reservoirs. The fourth sub-project involved the stabilization of the previously excavated Northeast Acropolis in conjunction with the Belize Institute of Archaeology.

2010 Season (Jan-March) involved a staff of 19 and a crew of 16.

Investigations focused on three separate archaeological programs and began the coordination of stabilization for Caracol's Northeast Acropolis. A continuing focus for 2010 was the Northeast Acropolis with further investigation of Structures B31, B33, and B34 - as well as a deeper plaza probe that found an Early Classic deposit; stabilization of the Northeast Acropolis will start in December 2010 in conjunction with the Institute of Archaeology. A second focus for the 2010 season was the start of a multi-season investigation of a conjoined plaza elite group comprised of Structures F30-F42, looking especially at its latest occupation. Five excavations that revealed multiple deposits were undertaken in 2010. The third focus for the 2010 field season was the beginning of ground-checking the 2009 LiDAR DEM, specifically focusing on caves.

RESEARCH AND FIELD EXPERIENCE (continued):**2009 Season (Jan-March) involved a staff of 16 and a crew of 18.**

Investigations focused on three separate programs. The first continued investigation of Structure C20 and the excavation of a tomb found during the 2008 field season. The second focus was the beginning of new site mapping using airborne LiDAR to fill in settlement, terraces, causeways, and new termini. The third – and main – focus for the 2009 excavation season was the beginning of a multi-year research program in the Northeast Acropolis to define its physical form and developmental history (especially in relation to the Maya collapse), leading to the eventual stabilization of this complex for tourism.

2008 Season (Jan-March) involved a staff of 13 and a crew of 10.

Investigations focused on two residential groups southeast of the South Acropolis in order to examine ritual variability in living units that are immediately proximate to the epicenter. Excavations in one group focused on two eastern buildings, a central shrine, and the northern and western structures. In the other group, the eastern building contained a looted tomb and the front of the structure was excavated; also dug in this group were the western palace, a line-of-stone building in the plaza, and a northern “out” building.

2007 Season (Jan-March) involved a staff of 12 and a crew of 10.

Investigations focused on Structures A16, B1, D2, and I1 through I8. While the initial research focus was on the Terminal Classic, it changed mid-season after hiatus era remains were encountered in Structures D2, I2, and I5. Particularly notable were the series of face caches recovered in Structure I5, the majority in association with obsidian eccentrics and other objects. A 17 person film crew for the Discovery Channel (GRB) was on-site for two weeks.

2006 Season (Feb-March) involved a staff of 14 and a crew of 9.

Investigations focused locating Terminal Classic in situ remains. Three loci were selected for excavation: a housemound group at the southeastern edge of the epicenter integrated into the epicentral boundary wall, an isolated epicentral structure north of the A Group ballcourt, and a non-epicentral palace located ca. 500 m northwest of the epicenter. Ceramic remains from all excavated areas dated to the Terminal Classic and included ceramic trade items.

2005 Season (Feb-March) involved a staff of 12 and a crew of 9.

Investigations focused on locating non-palace Terminal Classic occupation associated with small structures in the vicinity of the epicenter. Structure I20 produced a late burial and use-related materials dating to this era; Structure B59 proved to be a late vaulted building with interior stone piers. Structures B40, B42, and B44 yielded a series of tombs, burials, and caches that spanned the Protoclassic to Terminal Classic Periods.

2004 Season (Jan-March) involved a staff of 10 and a crew of 9.

Excavations focused on the small structures immediately east of Barrio and west of Caana in an attempt to identify specific areas that may have been used for a support function for the epicentral elite. These investigations succeeded in recovering Terminal Classic line-of-stone buildings, possible kitchen debris, a Terminal Classic burial, and 3 Early Classic interments.

2003 Season (Feb-April) involved a staff of 14 and a crew of 9.

Excavations focused on Caracol’s South Acropolis, especially on five smaller buildings behind (south of) and adjacent to the central stone structures. Investigations also extended some of the original excavations undertaken in 1990 and 1992. Conjoined work was also done with the Belize Tourist Development Project as they worked to stabilize the buildings in the South Acropolis. Four burials and intact garbage from a collapsed Protoclassic chultun was also recovered.

2002 Season (Feb-March) involved a staff of 11 and a crew of 9.

Excavations focused on Structures A13, B28, and F4, all of which were trenched; a deep plaza test was also dug in front of Structure B33. A new stela was found in front of Structure B28; cache vessels were recovered from excavations into Structure A13 and B33 front plaza. Additionally, a new stucco text was recovered in association with Structure B19. The contents of two tombs were also recovered by the stabilization project.

2001 Season (Jan-March) involved a staff of 14 and a crew of 13.

Excavations focused on the palace structures in Barrio and Caana in preparation for their final stabilization. Structure B26 was trenched and backfilled; Structure B25 was completely cleared; Structure B21 saw some work. Extensive Terminal Classic trash deposits were recovered in the Barrio excavations. On Caana, Structure B18 was investigated at its summit and base, the rooms in the NW Quad were completely cleared and recorded, and two tombs were found at the base of Structure B19.

2000 Season (Jan-April) involved a staff of 13 and a crew of 14.

Excavations focused on structures within the southwest walled area and one residential group immediately south of this area. Mapping concentrated on terraces in the Chaquistero area and in formally linking the Cohune-Chaquistero transect to the overall Caracol map.

1999 Season (Jan-April) involved a staff of 15 and a crew of 12.

Excavations focused on axial trenching of the basal stairs of Structures A2 and A3, as well as on areal exposure of parts of the frontal stairs and substructures associated with these buildings; Structure A10 was also investigated. A residential group was investigated immediately north of the epicenter. Mapping concentrated on recording an east-west transect 6 kilometers north of the epicenter. A regional museum opened at Caracol in March.

1998 Season (Jan-April) involved a staff of 15 and a crew of 12.

Excavations focused on basal architecture associated with Structures A1, A3, and A8, as well as on a housemound group 500 m north of the A Group, where a collapsed tomb and plaza test were dug. Mapping recorded the Retiro and Ceiba termini and their associated causeways.

RESEARCH AND FIELD EXPERIENCE (continued):

1997 Season (Jan-April) involved a staff of 16 and a crew of 12.

Excavations focused on 4 groups with open, collapsed, and looted tombs in the southwest part of Caracol; an additional tomb, 2 caches, and a freestanding stucco statue were excavated in the epicenter; settlement mapping was completed for over 16 km² of the site. Approximately 15,000 tourists per year now visit Caracol.

1996 Season (Jan-April) involved a staff of 15 and a crew of 8.

Primarily a laboratory season focusing on the cataloguing, recording, and analysis of materials from the northeast settlement program; mapping completed for a 9 km² central block; clean-up excavation undertaken in Str. B34 (encountering Preclassic shrine), which was then backfilled.

1995 Season (Feb-June) involved a staff of 24 and crew of 36.

Second season of northeast sector settlement program; intensive excavation of two groups and extensive test-pitting; Preclassic burial associated with 32 vessels and 5756 jadeite and shell beads (dating to ca. A.D. 150) found in Str. B34; no drop-off in density found in transects mapped outside the epicenter for 6 km to the north and south; more causeways are found through ground survey (to Hatzcap Ceel and to Round Hole Bank)) and are noted in landsat interpretation (going 24 km to the southeast); reconnaissance indicates that the city of Caracol has a radius of 10 km.

1994 Season (Jan-May) involved a staff of 22 and crew of 44.

First of two seasons of National Science Foundation-sponsored northeast sector settlement program; extensive mapping; discovery of Puchituk terminus and causeway; excavations suggest that Caracol core area is occupied well past the last dated monuments in the epicenter.

1993 Season (Feb-June) involved a staff of 20 and crew of 40.

Stabilization continues; investigations on Caana locate a royal tomb dating to A.D. 537 in Str. B20 and deeply buried ritual deposits in Str. B19; hieroglyphic texts are found in non-elite contexts.

1992 Season (Feb-June) involved 15 staff and a support crew of 40.

Stabilization continues; discovery of a ruler's tomb in South Acropolis and royal tombs in the Central Acropolis; together with associated caches, these finds indicated shared ritual patterns throughout the Caracol population; GOB builds all-weather road into site.

1991 Season (Jan-June) involved 19 staff and a support crew of 85.

Stabilization continues; causeway system of Caracol is found to extend out 7 to 8 km in three instances; jadeite mask and mercury found in a stone box cache in Str. A6; intact stucco roof frieze is found within Caana; GOB declares whole of Caracol area a national park (in accord with a mid-1950's document).

1990 Season (Jan-June) involved 15 staff and a support crew of 75.

Stabilization continues; excavations uncover a tomb in Str. A7 and numerous caches in Strs. A2 and A8; South Acropolis found to have a major Early Classic phase.

1989 Season (Jan-July) involved 15 staff and a support crew of 85.

Second season of southeast sector settlement work; majority of agricultural fields, houses, and causeways/termini prove to be a post-war phenomena associated with increased prosperity at all levels of society; beginning of USAID and GOB funding for stabilization; discovery of Altar 23 and the warlike nature (building-burning and stone points) of Caracol in the Terminal Classic; recognition that Caana, Caracol's largest architectural complex, was rebuilt post-A.D. 800.

1988 Season (Feb-May) involved a staff of 11 with a support crew of 25.

First season of Guggenheim-sponsored southeast sector settlement research; recognition that population increase and building boom directly follows Tikal and Naranjo wars.

1987 Season (Feb-April) involved a staff of 11 with a crew of 20.

Initiation of settlement research; realization that tombs are located throughout the site; causeways discovered to extend 3 to 4 km distant from epicenter.

1986 Season (Jan-June) involved a staff of 14 with a support crew of 40.

Discovery of Altar 21 which records Caracol's defeat of Tikal in war; intact painted tomb of a royal woman, dating to A.D. 634, investigated at Caana; two other intact tombs with painted capstones also excavated.

1985 Season (Jan-April) involved a staff of 12 with a crew of 30.

First full field season; camp building started; cache found in Str. A6; three looted tombs (two painted) investigated in Str. B20; one looted tomb investigated in Str. A37.

1983 (August) and 1984 (January) - preliminary visits to Caracol.

1983 - 1985: Field Director, Corozal Postclassic Project: Santa Rita Corozal, **Belize**, Ph. II (NSF-sponsored program to look at Late Postclassic social, political, religious, and spatial organization):

1985 Season (May-August) involved a staff of 15 with a crew of 35.

1984 Season (May-August) involved a staff of 16 with a crew of 32.

1979 - 1982: Field Director, Corozal Postclassic Project: Santa Rita Corozal, **Belize**, Ph. I (Dissertation research undertaken by Diane Z. Chase on the Maya Postclassic era in northern Belize):

1981 Laboratory Season (May-August) involved a staff of 3.

1980 Season (May-August) involved a staff of 10 with a crew of 25.

1979 Season (May-August) involved a staff of 8 with a crew of 21.

RESEARCH AND FIELD EXPERIENCE (continued):

- 1979 - 1980: Laboratory Ceramic Course in Type-Variety provided for Rudi Larios and Miguel Orrego of the Instituto de Antropología e Historia de Guatemala at the University of Pennsylvania.
- 1979(May-June): Field Director, Corozal Postclassic Project: Nohmul, **Belize**; 4 staff and 11 crew; excavation of Structure 9 to complement data gained from previous excavation of Structure 20.
- 1979 (Aug): Follow-Up Doctoral Research in Tikal and Guatemala City, **Guatemala**, involving the final recording of 1971 and 1977 Tayasal data.
- 1978(May-July): Co-Director with D.Z. Chase of excavations at Nohmul and Orange Walk, **Belize** in conjunction with N. Hammond's Corozal Project, Belize.
- 1977 - Fall: Assistant Archivist for the Copan Project, Honduras, directed by C. Baudex - with D.Z. Chase and Archivist J. Sweeney.
- 1977(May-Aug): Dissertation Research in the Tayasal-Paxcaman Zone, Peten, **Guatemala**; two students participated in this research as well as D.Z. Chase.
- 1977(Jan-May): Field Supervisor at the University Museum excavations at Quirigua, Izabal, **Guatemala** under the direction of R. Sharer, involving excavation in the East Acropolis under the guidance of C. Jones.
- 1976(May-Aug): Field Supervisor at Tinicum Project Excavations, **Pennsylvania** under the direction of M. Becker, involving excavation of the 17th century Princehoff site and direction of six students.
- 1974 (Dec)
-1975(Jan): Archaeological Consultant, Quintana Roo Coastal Project, under the direction of N. Farriss and A. Miller, involving mapping and survey work at Xelha, Tancah, Tulum, and Chunyaxche, Quintana Roo, **Mexico**.
- 1974 - Fall: Ceramic Analysis of the New Town ceramics excavated by the Peabody Museum of Harvard University under the supervision of R.J. Sharer; subsequently published.
- 1974(May-Aug): Field Supervisor, Lower Motagua Valley Project, involving surveying and excavation at the sites of Virginia and Juyama, Izabal, **Guatemala**.
- 1973(May-July): Excavator at the University of Arizona's Grasshopper Field School involved in the excavation of Room 349 of the Grasshopper Pueblo, **Arizona**.
- 1972(May-Aug): Excavation, survey, and mapping experience in Lakes Yaxha-Sacnab area, Peten, **Guatemala**.
- 1971(Mar-May): Research in Peten, **Guatemala** with Merle Greene Robertson at the site of Ixtutz, involving surveying and mapping; excavation experience at Yaxha in Group A and Lake Causeway.

SERVICE ON Ph.D. COMMITTEES as CHAIR:

- Badillo, Melissa Ph.D. Dissertation, Anthropology, University of Nevada, Las Vegas; work in progress (Co-Chair with Diane Z. Chase).
- Fries, Eric Ph.D. Dissertation, Anthropology, University of Nevada, Las Vegas; work in progress (Co-Chair with Diane Z. Chase).
- Jaeger, Susan Ph.D. Dissertation, Anthropology, Southern Methodist University; *Settlement Pattern Research at Caracol, Belize: The Social Organization in a Classic Maya Center*; December 1991 (Co-Chair with David Freidel).

SERVICE ON Ph.D. COMMITTEES as Member:

- Johnson, Lucas M. Ph.D. Dissertation, Anthropology, University of Florida, *Moving, Crafting, and Consuming Stone: An Investigation of Obsidian from Caracol, Belize*, December 2016; employed by Far Western archaeological contract firm as a Senior Archaeologist..
- Murtha, Timothy Ph.D. Dissertation, Anthropology, Pennsylvania State University; *Land and Labor: Classic Maya Terraced Agriculture at Caracol, Belize*; August 2002; currently Associate Professor of Latin American Studies, University of Florida, Gainesville.
- Teeter (Giddens), Wendy Ph.D. Dissertation, Anthropology, University of California at Los Angeles; *Maya Diet in a Changing Urban Environment: Faunal Utilization at Caracol, Belize*; December 2001; currently Curator of Archaeology, Fowler Museum, UCLA.

SERVICE ON M.A. COMMITTEES as CHAIR:

- Beck, William M.A. Thesis, Maya Studies/ Liberal Studies, University of Central Florida; *Maya Eclipses: Modern Astronomical Data, The Triple Tritos, and the Double Tzolkin*; December 2007 (Chair).
- Carroll, Patrick M.A. Thesis, Anthropology, UCF, *Re-evaluating the Late Classic Lu-Bat Glyphic Phrase: The Artist and the Underworld*, December 2013 (Chair).
- Ciofalo, Andres M.A. Thesis, Anthropology, UCF; *Maya Use and Prevalence of the Atlatl: Projectile Point Discrete Functional Analysis in the Maya Region*; May 2012 (Chair); currently working on Ph.D. in Leiden.
- Crandall, James M.A. Thesis, Archaeology/ Anthropology, UCF; *Water and the Mountains: Maya Water Management at Caracol, Belize*, May 2009 (Chair); currently finishing Ph.D. at University of Florida.
- Cunningham, Petra M.A. Thesis, Archaeology/ Anthropology, UCF; *Fish from Afar: Marine Resource Use at Caracol, Belize*, August 2011 (Chair); currently working on Ph.D. at University of Florida.
- Duffy, Lisa G. M.A. Thesis, Archaeology/ Anthropology, UCF; *Maize and Stone: A Functional Analysis of the Manos and Metates of Santa Rita Corozal, Belize*, August 2011 (Co-Chair); currently working on Ph.D. at University of Florida.
- Edwards, Keith M.A. Thesis, Archaeology/ Anthropology, UCF; *A Proposed Methodology for Predicting the Carbon and Nitrogen Stable Isotope Measures of K'inich Yax K'uk Mo', Copan Dynastic Founder*, August 2011 (Co-Chair); currently owner of a medical supply company.
- Egan, Rachel K. M.A. Thesis, Anthropology, UCF; *New Perspectives on the Quatrefoil in Classic Maya Iconography: The Center and the Portal*; December 2011 (Co-Chair); working on Ph.D. at University of Colorado.
- Elam, Michael M.A. Thesis, Maya Studies/ Liberal Studies, UCF; *Identifying Itzamna: Maya God of Creation*; December 2002 (Co-Chair).
- Foster, Cheryl M.A. Thesis, Anthropology, UCF, *Garden Soils: Assessing the Viability of Soil Phosphate Analyses in the Archaeological Identification of Ancient Maya Kitchen Gardens*; December 2015 (Chair); entered Ph.D. program at Louisiana State University in Fall 2017.
- Garcia, Jorge M.A. Thesis, Archaeology/ Anthropology, UCF; *The Foods and Crops of the Muisca: A Preliminary Dietary Reconstruction of the Chiefdoms of Bacata (Bogota) and Tunja, Columbia*; May 2012 (Chair); currently working on Ph.D. at University of Florida.
- Goldblatt, Benjamin R. M.A. Thesis, Anthropology, UCF; *An Inconclusive Truth: An Evaluation of Speleothem Evidence for Climate Change as a Driver of Ancient Maya Culture Change*; August 2016 (Chair); teaching English as a second language in China.
- Groff, Amanda M.A. Thesis, Maya Studies/ Anthropology, UCF; *The Emergence of the Maya Tlaloc: A Late Classic Religious Icon*; December 2007 (Co-Chair); finished Ph.D. at University of Florida; currently full-time lecturer at University of Central Florida

SERVICE ON M.A. COMMITTEES as CHAIR: (continued)

- Holden, Patsy L. M.A. Thesis, Maya Studies/ Anthropology, UCF; *Ballcourt Iconography at Caracol, Belize*; August 2009 (Chair).
- Ingalls, Victoria A. M.A. Thesis, Anthropology, UCF; *The Quadripartite Badge: Narratives of Power and Resurrection in Maya Iconography*; December 2012 (Chair); completing Ph.D. at University of Texas, San Antonio.
- Johnson, Lucas R. M. M.A. Thesis, Archaeology/ Anthropology, UCF; *Tools of a Local Economy: Standardization and Function Among Small Chert Tools from Caracol, Belize*; December 2008 (Chair); finished Ph.D. at University of Florida, 2016; employed by Far Western archaeological contract firm.
- Johnson (Lomitola), Lisa M. M.A. Thesis, Anthropology, UCF, *Ritual Use of the Human Form: A Contextual Analysis of "Charlie Chaplin" Figures in the Maya Lowlands*; August 2012 (Chair); completed Ph.D. in Anthropology at University of California, Berkeley with Rosemary Joyce, May 2018.
- Kangas, Rachael M.A. Thesis, Anthropology, UCF; *Evaluation of an Early Classic Round Structure at Santa Rita Corozal, Belize*; December 2015 (Co-Chair); now, Florida Public Archaeology Network, Fort Meyers.
- Landry, Rachael M.A. Thesis, Anthropology, UCF: *Ancient Maya Stone Jadeite Polishers and Issues with the Terminology for the Artifacts Polished with these Tools*, December 2013 (Chair).
- Lindley, Tiffany M. M.A. Thesis, Anthropology, UCF; *With the Protection of the Gods: An Interpretation of the Protector Figure in Classic Maya Iconography*; May 2012 (Co-Chair); completing Ph.D. at University of Texas, San Antonio.
- Marino, Marc D. M.A. Thesis, Anthropology, UCF, *Chert Tool Production and Exchange at Two Late Postclassic Coastal Maya Households*; December 2014 (Co-Chair); working on Ph.D. at University of Arkansas.
- Micheletti, George J. M.A. Thesis, Anthropology, UCF, *Identifying Archetypal Attributes of Maya Ceremonial Architecture: Clues to the Late Classic Sociopolitical Status of Pacbitun, Belize*; August 2016 (Chair); starting Ph.D. Fall 2018 at UCF.
- Montgomery, Shane M.A. Thesis, Archaeology/Anthropology, UCF; *On the Back of the Crocodile: Extent, Energetics, and Productivity in Wetland Agricultural Systems, Northern Belize*; August 2016 (Chair); currently working for U.S. Forest Service in Flagstaff, AZ.
- Murray, Neil M.A. Thesis, Maya Studies/ Liberal Studies, UCF; *The Creation and Utilization of Current Computer Multi-Media in the Instruction of Archaeology*; December 2003 (Co-Chair); a practicing nurse.
- Rich (Brown), Shayna M.A. Thesis, Maya Studies / Liberal Studies, UCF; *An Analysis of a Female Protoclassic Costume from the Site of Caracol, Belize*; December 2003 (Co-Chair).
- Rivas, Alexander E. M.A. Thesis, Anthropology, UCF, *Traversing the Terrain: A Least Cost Analysis on Intersite Causeways in the Maya Region*; August 2014 (Chair); working on Ph.D. at University of Washington, St. Louis.
- Rohrer, Patrick M.A. Thesis, Anthropology, UCF; *Geographic and Environmental Influences on Maya Settlement Patterns of the Northwest Yucatan: An Explanation for the Sparsely Settled Western Cenote Zone*; December 2012 (Chair); currently working on Ph.D. at University of California, Riverside.
- Savage, Christopher M.A. Thesis, Maya Studies/ Liberal Studies, UCF; *Alternative Epigraphic Interpretations of the Maya Snake Emblem Glyph*; December 2007 (Chair).
- See, MacKenzie M.A. Thesis, Anthropology, UCF; *Contemporary Maya Conceptions of Landscape as Revealed Through Folktales*; August 2013 (Chair).
- Seidita, Max A. M.A. Thesis Anthropology, UCF; *Chetumal's Dragonglass: Postclassic Obsidian Production and Exchange at Santa Rita Corozal, Belize*; December 2015 (Co-Chair); entered Ph.D. program at Brandeis University in Fall 2016.
- Slusser, Andrea M.A. Thesis, Maya Studies/ Anthropology, UCF; *Discerning Migration in the Archaeological Record: A Case Study at Chichen Itza*; December 2008 (Co-Chair); currently a practicing lawyer.
- Sullivan, Mark M.A. Thesis, Maya Studies/ Anthropology, UCF; *The Maya Origin of a Mexican God: The Iconographic Primacy of Texcatlipoca at Chichen Itza, Yucatan over Tula, Hildalgo; And its Possible Derivation from God K – K'Awil*; December 2009 (Chair).
- Tetlow, Andrew P. M.A. Thesis, Archaeology/ Anthropology, UCF; *Linear Enamel Hypoplasia at Santa Rita Corozal, Belize*; December 2010 (Co-Chair); currently employed by Florida Parks and Recreation.
- Wilson Moseley, Dianna M.A. Thesis, Maya Studies/ Liberal Studies, UCF; *Ancient Maya Underworld Iconography: Traveling Between Worlds*; August 2006 (Co-Chair); past director of UCF International Studies; now retired.

SERVICE ON M.A. COMMITTEES as Member:

- Hightower, Jessica M.A. Thesis, Biology, UCF; *Effects of Landscape Modification on the Canopy of Caracol, Belize: A LiDAR Application*; May 2012; currently pursuing a Ph.D. at University of Florida.
- Horton, Shannon M. M.A. Thesis, Anthropology, University of Nevada, Las Vegas, *Analysis of the Steve Perkins Site Ceramic Assemblage*, 2019 graduation date planned.
- Hunter, Clarrisa M.A. Thesis, Anthropology, Ball State University; *The Chultuns of Caracol, Belize*; August 1995; deceased.
- Knott, Brittany M.A. Thesis, Anthropology, UCF; *The Crossed Bands Motif: What Does It Mean?* May 2016.
- Lucido, Carlo J. M.A. Thesis, Anthropology, UCF; *An Examination of Rio Viejo Middens as Evidence for Scaled-Up Practice at Surrounding Sites*, May 2015.
- Mosher, Matthew M.A. Thesis, Anthropology, Trent University, *Building Identities: Socio-Political Implications of Ancient Maya Civic Plans*; December 2004.
- Pope, Cynthia M.A. Thesis, Anthropology, University of Texas, Austin; *Small Chert Tools and the Debitage from Craft Activity Areas at the Maya Site of Caracol, Belize*; May 1996; deceased.
- Tricarico, Anthony R. M.A. Thesis, Anthropology, UCF; *Urban Agriculture Within the Valley of Oaxaca: Investigations and Implications of Agricultural Terracing at Monte Alban*; May 2015.
- Wheeler, Sandra M.A. Thesis, Maya Studies/ Liberal Studies, UCF; *Porotic Hyperostosis Among the Ancient Maya: A Regional Perspective*; December 2002; Ph.D. from Western Ontario; currently a full-time lecturer at UCF.
- Williams, Lana M.A. Thesis, Maya Studies/ Liberal Studies, UCF; *Regional Modeling of Bone Diagenesis and its Application to Paleodietary Analysis in the Vaca Plateau, Belize*; December 2002; Ph.D. from Western Ontario; currently a full-time lecturer at UCF.

SERVICE TO THE UNIVERSITY: UNLV:

UNIVERSITY: Scholarship Visibility and Impact Committee, 2018-2019.

DEPARTMENT: Assessment Committee: 2019 (Chair, Fall).
Bylaws Committee, 2017-2018.
NAGPRA Committee, 2019-2020.
Progress Towards Tenure Committee, 2016-2019.
PTI Review Committee, 2018-2019.
Retreat Committee, 2016-2019 (Chair 2018-2019).
Search Committee, Bio-physical Assistant Professor, 2018-2019.
Search Committee, Archaeology Assistant Professor, 2017-2018.
Search Committee, Bio-physical Assistant Professor, 2016-2017.
Search Committee, Cultural Assistant Professor, 2017-2018.
Search Committee, Cultural Faculty-in-Residence, 2017.
Website Committee, 2017-2018.

SERVICE TO THE UNIVERSITY: UCF:

STATE: Advisory Council of Faculty Senates, 2002-2013.
Chair, 2006-2008.
Vice-Chair, 2005-2006
State of Florida General Education Committee (Social Sciences), 2012-2013.
Governor's Blue Ribbon Panel on Reforming Higher Education (Clearwater), July 2012.
Board of Governors (BOG) Audit Committee, 2006-2008.
BOG Student Affairs Committee, 2006-2008.
BOG Facilities Committee, 2006-2008.
BOG Safety Taskforce, 2007.
State Committee for Common Course Prerequisites for Anthropology, 1999-2016.

SERVICE TO THE UNIVERSITY: UCF: (continued)

- UNIVERSITY: Board of Trustees (BOT) Finance Committee, 2003-2005.
Board of Trustees (BOT) Educational Programs Committee, 2003-2005.
Presidential Advisory Staff (PAS), 2003-2005.
University Faculty Senate:
 Past Chair, 2005-2009.
 Chair, 2003-2005.
 Vice-Chair, 2002-2003.
 At-Large Senator, 2001-2005.
 Anthropology Senator, 2006-2013.
 Faculty Senate Steering Committee, 2002-2013.
 Faculty Senate Committee-on-Committees (Chair), 2002-2003.
 Faculty Senate Personnel Committee:
 2009-2012 (Steering Liason).
 Faculty Senate Budget and Administration Committee:
 2001-2002 (Chair).
 2010-2013 (Steering Liason).
 Graduate Curriculum Committee (COS liaison, 2013-2014).
 Undergraduate Curriculum Committee (COS liaison, 2013-2014).
Faculty Leadership Development Committee, 2015-2016.
International Affairs Committee, 2015-2016.
University Graduates' Preparation and Employability Committee, 2013-2014.
Process Improvement Committee, 2013-2014.
Vice Provost for Regional Campuses Search Committee, 2012-2013.
Provost's Budget Review Committee, 2011-2012.
Promotion & Tenure Procedures Review Committee, 2012-2013 (Facilitator).
General Education Steering Committee, 2012-2013.
Policy and Procedures Committee, 2004-2016.
Trustee Chair Selection Committee, 2012 (Facilitator).
Undergraduate Education RFP Committee (2009-2010).
International College Committee 2007-2011.
Research Safety Task Force, 2007-2008.
Committee on Excellence in Professional Service Award (Chair), 2003-2005.
UCF SACS Reaffirmation Leadership Team, 2004-2006.
SACS Faculty Qualifications Review Committee, 2005.
Diversity and Inclusivity Council, 2004.
P.E.P. (Professorial Excellence Program; 9% salary incr.) Selection Committee, 1996-1997.
United Faculty of Florida (UFF):
 UFF Senator for UCF, 1998-2000.
 UFF Grievance Representative, 1997-2001.
 UFF Grievance Chair, 1999-2001.
 Vice-President, UCF chapter of UFF, 1998-2000.
 President, UCF chapter of UFF, 2002-2003.
- COLLEGE: CAS A&P Bonus Committee, 2002.
CAS Interdisciplinary Committee, 1999-2000.
CAS Promotion and Tenure Committee, 1995-1997 (Chair, 1996-1997).
T.I.P. (Teaching Incentive Program; \$5,000 to base salary) Standards Com., 1996, 1998.
T.I.P. Selection Committee, 1996.
COS Undergraduate Curriculum and Standards Committee, 2013-2015 (Chair).
COS Graduate Curriculum and Standards Committee, 2013-2015 (Chair).
COS Mathematics Department Chair Search, 2014 (Chair).
Director Search, Nicholson School of Communication, 2015 (Chair).

DEPARTMENT: Executive Committee, 1995-1996.
Progress Towards Tenure Committee, 1991-2005.
Budget Committee, 1997-1998, 2000-2002, 2004-2005.
Bylaws Committee, 1994-1995.
Overload Rotation Committee, 1994-1995.
Merit and Promotion and Standards Revision Committee, 2005.
Physical Anthropology Search Committee, 1996-1997, 1998-1999 (Chair).
Socio-Cultural Anthropology Search Committee, 1997-1998 (Chair).
Anthropology Search Committee, 2000.
Sociology Search Committee, 2003.
Archaeology Search Committee, 2005-2006 (Chair).
AESP Revision Committee 2011 (Chair).

SERVICE TO THE PROFESSION:

NATIONAL: Chair, Committee on Ethics, **Society for American Archaeology** (2017-2020).
Elected to Section H's (Anthropology) Electorate Nominating Committee,
American Association for the Advancement of Science (2012-2014).

BOOK SERIES: Series Editor (with D.Z. Chase) for **Maya Studies** (research monographs and books),
University Press of Florida, Gainesville (2000-present).
- 18 volumes have been published as of July 2019.

EDITORIAL BOARDS:
Ancient Mesoamerica (Cambridge) (2001-2022).
British Archaeological Reports (Archaeology of the Maya) (Oxford) (2018-2023).
Heritage (MDPI) (2017-2022)
Research Reports in Belizean Archaeology (IOA) (2013-2022).
Princeton Studies in Climate, Environment, and History (Princeton) (2019-2024).
Pre-Columbian Art Research Institute (1993-2005).
Mayab (Correspondent: 1988-1992).

ADVISOR: *Ceramica de Cultura Maya* (1984-1996).
Association for Belizean Archaeology (1986-1992).

REVIEWER FOR: JOURNALS:
Advances in Archaeological Practice (reviewer and **volume editor**)
American Anthropologist.
American Antiquity.
Ancient Mesoamerica.
Cambridge Archaeological Journal.
Current Anthropology.
Culture, Agriculture, Food and Environment.
Journal of Anthropological Archaeology.
Journal of Anthropological Research.
Journal of Archaeological Method and Theory.
Journal of Archaeological Research.
Journal of Archaeological Science.
Journal of Field Archaeology.
Latin American Antiquity.
PLOS one
Proceedings of the National Academic of Sciences (reviewer and **article editor**).
Research Reports in Belizean Archaeology.
Remote Sensing
Science Advances (AAAS)
Urban Studies

SERVICE TO THE PROFESSION: (continued)REVIEWER FOR: PRESSES:

University of Arizona.
University Press of Colorado.
University Press of Florida.
University of Oklahoma.
University of Pennsylvania (University Museum).

REVIEWER FOR: GRANT PROPOSALS:

Austrian Science Fund.
European Research Council.
Louisiana Board of Regents.
National Aeronautics and Space Administration (NASA).
National Endowment for the Humanities (NEH).
National Geographic Society (NGS).
National Science Foundation (NSF).
Pennsylvania State University.
Swiss National Science Association.
Wenner-Gren Foundation.

REVIEWER FOR: GRANT PROPOSALS (AS A PANEL MEMBER):

National Science Foundation (NSF)
Archaeology, 2013-2015.
National Aeronautics and Space Administration (NASA)
Space Archaeology, Fall 2012.
Wenner-Gren Foundation,
Anthropology, 1997.

REVIEWER FOR: ACADEMIC PROGRAMS:

Department of Anthropology, Williams College, MA (November 1996).
Department of Anthropology, Texas State University at San Marcos, TX (October 2009).
Department of Anthropology, University of Cincinnati, Ohio (November 2010).
Department of Anthropology, University of Texas, San Antonio (April 2019).

REVIEWER FOR: ACADEMIC PROMOTIONS TO THE RANK OF ASSOCIATE OR FULL PROFESSOR:

Department of Anthropology, University at Albany, SUNY (1).
Department of Anthropology, University of Arizona (2).
Department of Anthropology, University of Cincinnati (1).
Department of Anthropology, University of New Hampshire (2).
Department of Anthropology, City University of New York (2).
Department of Anthropology, University of Texas, Austin (1).
Department of Anthropology, University of Texas, San Antonio (1).
Department of Anthropology and Sociology, Howard University (1).
Department of Archaeology, Boston University (1).
Department of Sociology and Anthropology, Ohio University (2).
Department of Sociology, Anthropology and Social Work, Texas Tech University (2).
Florida Museum of Natural History, University of Florida (2).

PUBLIC RELATIONS: MAGAZINES: articles about research efforts have appeared in: **Science News** (1985, 1992); **Emphasis** (1985, 1987, 1993, 2005); **Central Florida** (1987); **Ms.** (1988) **GEOMUNDO** (1987); **Smithsonian** (1989); **Mexicon** (1990, 1992); **Florida** (1992); **Mayab** (1992); **Belize Today** (1992, 1993); **GEO** (1993); **TIME** (1993); a series of Automobile Magazines (1994); **Bicycling** (1995); **Escape** (1995); **National Geographic Traveler** (1995); **P.M.-MAGAZIN** (1995); **Focus** (1996); **American Archaeology** (2003); **Der Spiegel** (2010); **PRISM** (2010); **Science & Vie** (2010); **American Archaeology** (2011); **Nexus** (2012); **Inside Higher Education** (2012), **Florida Trend** (2012), **Optic and Photonics News** (2014); **NASA Earth Observatory** (2017); **American Archaeology** (2018).

BOOKS: research efforts have been featured in **World Book Encyclopedia Yearbook** (1986, 1992) as well as guidebooks, such as **New Key to Belize** by Stacy Ritz (1994), **Adventuring in Belize** by Eric Hoffman (1994), and **An Archaeological Guide to Northern Central America** by Joyce Kelly (1996). Lidar work has been highlighted in **The Lost City of the Monkey God** (pp. 62-64) by Douglas Preston (2017) and in **The Laser That's Changing the World** (pp. 116-121) by Todd Neff (2018).

NEWSPAPERS: coverage of research activity has been extensive with front page coverage in: **Orlando Sentinel** (1984, 1985, 1986, 1993); **Newsday** (1985); **Washington Post** (1985); **New York Times** (2000, 2010) and others (e.g., **Denver Post** [2000]). Other coverage has included: **New York Times** (1985, 1993), **Chicago Tribune** (1989), **Tampa Tribune** (1992), **Diario del Yucatan** (1993); **Los Angeles Times** (1993) as well as hundreds of other newspapers world-wide; **Ashbury Park Press** (1995); **USA Today** (2000). The LiDAR 2010 news release was covered internationally by many newspapers and has been placed in numerous web postings (see below). Coverage of our research has been continual; e.g., the **Washington Post** on June 6, 2015 and the **Las Vegas Review-Journal** on April 7, 2019.

RADIO/TELEVISION: approximately a dozen interviews **National Public Radio** since 1985 as well as appearances on other radio call-in and interview shows; numerous local television appearances as well as national appearances (listed below); a 1985 news release was seen on the **Cable News Network**, as was 1995 work with MayaQuest. Multiple television shows have been done relating to my research at Caracol and on the Maya. (see section on "Professional Video/Film Productions" above). Appearance on **FOX News Network** (Hannity) for a segment on 2012 (August 2009). Podcast/Radio Interviews (May 2010) with ABC News in Melbourne, Australia; in the New York Times Science Times with David Corcoan; and with Boyd Matson for National Geographic Weekend.

INTERNET: 2010 LiDAR news release was covered by Google News, New York Times, and National Geographic (among others). For National Geographic, it was ranked as the 3rd most important story of 2010 in terms of web hits. UCF prepared a short video that was uploaded to YOU-TUBE (available at www.caracol.org).

OUTREACH PROGRAM: following successful collaboration with Orange County Schools and the "Maya" Jason Project in 1994, selected UCF undergraduates are trained to give lectures to area schools; in conjunction with the Orlando Museum of Art, two different **Maya Treasure Trunks** have been created for circulation to elementary and middle schools.

PUBLIC LECTURES: frequently done; see section below for a selection.

SELECTED PUBLIC LECTURES:

- 2019 “Archaeology at Santa Rita Corozal and Caracol, Belize: Maya Hidden Worlds Revealed,” UNLV Alumni Lecture and Exhibit Tour, Natural History Museum of Utah, Salt Lake City (with D.Z. Chase – May 7).
- 2018 “How Technology and Long-Term Archaeological Research Reveal the Life of the Ancient Maya,” COLA Lecture, Research Week 2018, UNLV, Las Vegas (with D.Z. Chase – October 10).
- 2017 “Caracol’s Impact on the Landscape of the Classic Period Maya,” Keynote Address, 14th Annual Tulane Maya Symposium entitled “Monumental Landscapes: How the Maya Shaped Their World,” New Orleans, Louisiana (March 3).
- 2016 “The Ancient Maya: Archaeological Research at Caracol, Belize,” Phi Kappa Phi Lecture, Marjorie Barrick Museum / Harry Reid Center, UNLV, Las Vegas (with D.Z. Chase – October 6).
- 2016 “Maya Architecture,” Witte Museum, San Antonio, Texas (July 20).
- 2015 “Paradigm Shifts and Technology in Maya Archaeology: A Thirty Year Perspective from Caracol, Belize,” Keynote Address for South-Central Conference on Mesoamerica, San Antonio, Texas (November 6).
- 2015 “How Technology is Changing Maya Archaeology: LiDAR and Caracol, Belize,” Sigma Xi Distinguished Lecture, Eastern Illinois University, Charleston, Illinois (March 26).
- 2014 “How Technology is Changing the Archaeology of the Ancient Maya,” Sigma Xi Distinguished Lecture, Iowa State University, Ames (October 9).
- 2014 “Thirty Years of Archaeology at the Maya City of Caracol, Belize,” Anthropology Department, University of South Alabama, Mobile (with D.Z. Chase – September 11).
- 2014 “Thirty Years of Archaeological Research at Caracol, Belize: Understanding the Ancient Maya,” UCF Womens’ Club, Winter Springs (with D.Z. Chase – April 10).
- 2013 “Airborne LiDAR at Caracol, Belize: Implications for Maya Archaeology,” Science Museum of Minnesota, Minneapolis (with D.Z. Chase and J.F. Weishampel – November).
- 2013 “Maya Religion as Viewed through the Archaeological Record of Caracol, Belize,” Maya Society of Minnesota, Minneapolis (with D.Z. Chase – July).
- 2013 “Thirty Years of Research at Caracol, Belize: Maya Archaeology in Long-Term Perspective,” Maya Society of Minnesota, Minneapolis (with D.Z. Chase – July).
- 2013 “After the Maya Apocalypse: Caracol, Archaeology, and Time,” Café Scientifique, Orlando (with D.Z. Chase – May).
- 2011 “Applying Technology to a Maya Landscape: LiDAR and Caracol, Belize,” University of Pennsylvania Museum of Archaeology and Anthropology, 29th Annual Maya Weekend (with D.Z. Chase – April).
- 2011 “Resilience and Vulnerability in the Ancient Maya World: Using the Past to Plan a Better Future,” 1st Annual Maya at the Lago Conference, Davidson, North Carolina (G. Iannone, A.F. Chase, and D.Z. Chase – April).
- 2010 “Technology, Tombs, and Texts: Uncovering the Ancient Maya Past at Caracol, Belize,” 2010 Founder’s Lecture, Harvard Peabody Museum, Cambridge (with D.Z. Chase – December).

SELECTED PUBLIC LECTURES (continued):

- 2010 "The Application of Airborne LiDAR to Caracol, Belize: Interpreting an Ancient Maya Landscape," Department of Anthropology, Harvard University (with D.Z. Chase – December).
- 2009 "Grounding" Maya Complexity: Landscape, Settlement Patterns, and LIDAR at Caracol, Belize," Maya at the Playa 3, Palm Coast High School, Palm Coast (with D.Z. Chase and J.F. Weishampel – October).
- 2009 "Archaeological Research at Caracol, Belize: Attempting to Understand the Ancient Maya," Departamento de Antropologia, Universidad Autonoma de Yucatan (June).
- 2008 "'Urning For More:' Ancient Maya Caching Practices at Caracol, Belize," Maya at the Playa 2, Palm Coast High School, Palm Coast (with D.Z. Chase – October).
- 2008 "Twenty-five Years of Research at Caracol, Belize: Changing Paradigms in Maya Archaeology," The Ben and Trudy Termini Distinguished Anthropologist Lecture, The University of Texas at Arlington (April).
- 2007 "Maya Archaeology at Caracol, Belize: The First Quarter Century," Maya at the Playa, Palm Coast High School, Palm Coast (with D.Z. Chase – May).
- 2006 "Archaeology at Caracol, Belize," University Club of Winter Park and Citrus Club of Orlando (with D.Z. Chase – September).
- 2005 "Research on the Maya: New Discoveries at Caracol, Belize," Orlando Museum of Art, Orlando (with D. Z. Chase – October).
- 2004 "Caracol: Maya Metropolis," Archaeological Institute of America, St. Louis Society, Saint Louis Art Museum, St. Louis, MO (with D.Z. Chase – May).
- 2004 "Caracol, Belize: New Archaeological Discoveries from the Last Decade," Cayo Tourist Guides Association, San Ignacio, Cayo, Belize (with D.Z. Chase – March).
- 2003 "The University of Central Florida Caracol Archaeological Project," Valencia Community College, Orlando (with D.Z. Chase – October).
- 2002 "The University of Central Florida Caracol Archaeological Project: Research and Teaching in the Jungle of Belize, Central America," University of Central Florida Board of Trustees, Orlando (with D.Z. Chase – September).
- 2001 "Caracol: The Development and Collapse of a Maya Urban Center," Orlando Museum of Art, Orlando (with D. Z. Chase – October).
- 1999 "The Construction of a Maya Empire at Caracol, Belize," Embry-Riddle University (with D.Z. Chase -October).
- 1998 "What the Glyphs Don't Tell You: Understanding the Maya City of Caracol, Belize," Orlando Museum of Art, Orlando (with D.Z. Chase – October).
- 1998 "Caracol Pot-Luck," Orlando Museum of Art, Orlando (with D.Z. Chase - October).
- 1998 "Caracol Update: New Finds from the 1997 Field Season," Orlando Museum of Art, Orlando (with D.Z. Chase - January)
- 1998 "Mysteries of the Maya Revealed," Valencia Community College Humanities Lecture, Orlando (with D.Z. Chase - January).

SELECTED PUBLIC LECTURES (continued):

- 1997 "The Rise and Fall of a Classic Maya Empire," Maya Society of Minnesota, Minneapolis (with D.Z. Chase – June).
- 1997 "Managing an Empire in the Classic Maya Lowlands," Plenary Lecture for the 1997 International Symposium on Human Dimensions of Natural Resource Management in the Americas, Belize City (sponsored by Colorado State University; with D. Z. Chase - February).
- 1996 "Warfare and Empire on the Edge of the Maya Heartland," Florida Atlantic University Distinguished Lecture Series, Boca Raton (with D.Z. Chase - November).
- 1996 "Conflict on the Edges of the Maya Empire," School of American Research Membership Lecture, Santa Fe (with D.Z. Chase - September).
- 1996 "Settlement Research at Caracol, Belize and its Implications for the Ancient Maya," Orlando Museum of Art, Orlando (with D.Z. Chase - January).
- 1995 "The Ancient Maya and the City of Caracol," Orlando Museum of Art, Orlando (with D.Z. Chase - January).
- 1995 "The Same, But Different: Before and After the Classic Maya Collapse," 3rd Annual Maya Symposium, Brevard Community College, Cocoa Beach (with D.Z. Chase - January).
- 1994 "Ongoing Investigations at Caracol," 2nd Annual Maya Symposium, Brevard Community College, Cocoa Beach (with D.Z. Chase - January).
- 1994 "The Archaeology of Caracol, Belize," lecture for Land Rover's La Ruta Maya Voyage of Discovery," Blancaneaux Lodge, Mountain Pine Ridge, Belize (with D.Z. Chase - January).
- 1993 "History and Archaeology: Excavations at the Maya Site of Caracol, Belize," St. Augustine Archaeological Society, St. Augustine, Florida (with D.Z. Chase - October).
- 1993 "Caracol's Potential as a World Heritage Site," UNESCO Conference on World Heritage and Biosphere Reserves in Belize, Belize City, Belize (with D.Z. Chase - March).
- 1992 "Caracol and the Mundo Maya," First World Congress on Tourism and the Environment, Belize City, Belize (with D.Z. Chase - April).
- 1991 "Classic Politics at the Maya Site of Caracol, Belize," South Orlando Kiwanis Club, Orlando (with D.Z. Chase - January).
- 1990 "The Maya of Caracol, Belize," Lecture and Reception at U.S. Ambassador's residence in Belize City for 100 Belizean government and civilian VIPs (with D.Z. Chase - April).
- 1989 "On the Cutting Edge: Investigations at Caracol, Belize," Department of Humanities, University of South Florida, Tampa (with D.Z. Chase - October).
- 1989 "Maya Warfare and Urban Development at Caracol, Belize," Association for Belizean Archaeology, Belize City, Belize (with D.Z. Chase - May).
- 1988 "The Impact of Caracol, Belize on the Classic Period Maya," Central Florida Anthropological Association, Orlando (with D.Z. Chase - September).
- 1988 "Maya Warfare in the Classic Period and Caracol, Belize," Florida Institute of Technology, Melbourne (with D.Z. Chase - October).

SELECTED PUBLIC LECTURES (continued):

- 1988 "New Findings from Caracol: The 1988 Season," Institute of Maya Studies, Miami (with D.Z. Chase – October).
- 1988 "Caracol, Belize: An Updated View," Association for Belizean Archaeology, Cayo, Belize (with D.Z. Chase – March).
- 1987 "Royal Tombs and Peasant Labor: Maya Archaeology in Belize," Central Florida Chapter of Sigma Xi, Orlando (with D.Z. Chase - November).
- 1987 "Caracol: The 1987 Season," Institute of Maya Studies, Miami (with D.Z. Chase - September).
- 1987 "Glimmers of a Forgotten Realm: Maya Archaeology at Caracol, Belize," Orlando Museum of Art at Loch Haven, Orlando (with D.Z. Chase - January).
- 1987 "Maya Archaeology at Caracol and Santa Rita Corozal, Belize," Orlando Science Center, Orlando (with D.Z. Chase - January).
- 1986 "Classic to Postclassic Continuities among the Maya of Belize," Florida Institute of Technology, Melbourne (with D.Z. Chase - October).
- 1986 "Recent Investigations at Caracol, Belize: A Middle Classic Maya Metropolis," Orlando Kiwanis International, Orlando (with D.Z. Chase - September).
- 1986 "Offerings to the Gods: Maya Archaeology at Santa Rita Corozal, Belize," Loch Haven Art Center, Orlando (with D.Z. Chase - January).
- 1985 "Archaeology at Santa Rita Corozal: The Final Season;" The Explorer's Club: Central Florida Chapter, Orlando (with D.Z. Chase - October).
- 1985 "Maya Prehistory at Santa Rita Corozal, Belize," Southeastern Conference on Latin American Studies, Orlando (with D.Z. Chase - March).
- 1985 "Archaeological Research at Santa Rita Corozal, Belize," Central Florida Anthropological Association, Orlando (with D.Z. Chase - January).
- 1982 "Life After the Classic: Santa Rita Corozal," Latin American Research Symposium, West Chester State College, Pennsylvania (with D.Z. Chase - November).
- 1979 "Digging Decadence in Northern Belize," Annual Meeting of the area Chapter of the Explorer's club, Delaware (with D.Z. Chase - November).
- 1977 "The Archaeology of the Tayasal-Paxcaman Zone," Area Seminars in Ongoing Research, West Chester State College (October).

PROFESSIONAL SOCIETIES:

American Association for the Advancement of Science (Fellow)
American Anthropological Association (Fellow)
Archaeological Institute of America
Sigma Xi
Sociedad Espanola de Estudios Mayas
Society for American Archaeology