

CURRICULUM VITAE

CLIFFORD T. BROWN, Ph.D., RPA

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RESEARCH INTERESTS

Archaeology and prehistory, especially of Mesoamerica and the ancient Maya culture; the archaeology of Nicaragua; the evolution of social complexity and the rise of civilization; ancient economics, especially inequality; quantitative methods; complexity theory, especially fractal analysis; archaeological GIS; ceramic analysis; lithic analysis; and settlement patterns.

CURRENT APPOINTMENTS

Associate Professor, Department of Anthropology, Florida Atlantic University, Boca Raton, Florida. May 2009 to present.

Research Fellow, Middle American Research Institute, Tulane University, New Orleans, Louisiana. 2002 to present.

EDUCATION

Yale University, Bachelor of Arts, *cum laude*, in Archaeology, May 1983.

Tulane University, Master of Arts, in Anthropology, December 1989.

Tulane University. Ph.D., in Anthropology, August 1999.

Dissertation Title: *Mayapán Society and Ancient Maya Social Organization*

Chair: E. Wyllys Andrews V; Committee members: Victoria R. Bricker, Dan Healan

Licensure: Registered Professional Archaeologist, ID# 11381, Register of Professional Archaeologists, 2000 to present.

EXPERIENCE

Academic Positions

Associate Professor, Department of Anthropology, Florida Atlantic University, Boca Raton, Florida. May 2009 to present.

Assistant Professor, Department of Anthropology, Florida Atlantic University, Boca Raton, Florida. August 2003 to May 2009.

Adjunct Professor, Montgomery College, Rockville, Maryland. Spring 2003. Anthropology 105, “Introduction to Physical Anthropology and Archaeology”

Instructor, Civil Engineer Corps Officer School, U. S. Navy, Port Hueneme, California. July 1999 - July 2003. Archaeology and Native American issues portions of Department of Defense course “Historic Preservation Law and Section 106 Compliance.”

Instructor, Department of Anthropology, Tulane University, New Orleans, Louisiana. Fall 1988 and Spring 1989. “Human Origins.”

Teaching Assistant, Tulane University Archaeological Field School, Tensas Parish, Louisiana. Summer 1990. “Archaeological Field Techniques” and “Southeastern U.S. Prehistory.”

Non-Teaching Positions

Senior Archeological Consultant to U. S. Navy, John Cullinane Associates, 1322 Patterson Ave. SE, Suite 1000, Washington Navy Yard, D.C. 20374-5065. June 1999 – July 2003. Senior archaeologist, Department of the Navy.

Archaeologist, U. S. Army Corps of Engineers, New Orleans District, P.O. Box 60267, New Orleans, Louisiana 70160-0267. June 1997 – June 1999.

Project Manager and Laboratory Director, R. Christopher Goodwin & Associates, Inc., 5824 Plache Street, New Orleans, Louisiana, 70123. August 1993 - June 1997.

Assistant to the Director, Center for Archaeology, Tulane University, 1988 - 1989.

FUNDED RESEARCH

Principal Investigator and Director: Archaeology of the Department of Chinandega, Nicaragua. 2009-2014. Collaboration with Dirección de Patrimonio del Instituto Nicaragüense de Cultura. Funding: \$34,500 from Florida Atlantic University Foundation, Ann Adams Memorial Fund and Morrow Fund. Investigation into ethnicity, migration, and colonialism along the southern border of Mesoamerica, in an area previously unknown to archaeology.

Co-Principal Investigator: Southeast Regional Public Archaeology Center of the Florida Public Archaeology Network. 2008-present. Co-PI and co-author of grant proposal. Funding: \$900,000 to date. Funding source: Florida Public Archaeology Network, University of West Florida. Dedicated to public education and outreach in archaeology.

Co-Principal Investigator: Speleothem Proxies for Interactions of Climate, Land Use, and Culture in the Ancient Maya Lowlands. Principal investigator: Bruce Dahlin[†], Shepherd University. Other Co-PIs: Timothy Beach (Georgetown), Amy Frappier (Boston College), Eugene Perry (Northern Illinois). Developing high resolution climate proxy records through isotopic analysis of stalagmites. National Science Foundation: \$94,708.

Principal Investigator and Director: Archaeological Survey of the Center of the state of Yucatán, México. 2005- 2007. Survey, mapping, and surface collection in a broad unexplored area of central Yucatán. Located some 30 new sites and also surveyed transects systematically. Florida Atlantic University. \$13,200.

Consultant, SUNY Albany Mayapán Project 2000–2004. Mapping and excavation to study the economic organization at the Late Postclassic site. I partially supervised the test-pitting program during the first field season (June - July 2002) and participated in the paleoenvironmental research during the 2003 season. P.I. Marilyn Masson (SUNY Albany), \$260,000.

Principal Investigator and Director, Mayapán Archaeological Project, 1991 - 2004. Investigated prehistoric social organization by mapping and excavating at this major Maya archaeological site in Yucatán, México. Fulbright fellowship: \$10,500, and National Science Foundation grant: \$11,600.

PUBLICATIONS

Books

- Witschey, Walter R. T. and Clifford T. Brown (2012). *Historical Dictionary of Ancient Mesoamerica*. Lanham, MD: Scarecrow Press, a division of Rowman and Littlefield.
- Brown, Clifford T. and Larry S. Liebovitch (2010). *Fractal Analysis. Quantitative Applications in the Social Sciences*, Monograph No. 165. Thousand Oaks, Calif.: Sage Publications.

Peer-Reviewed Journal Articles

- Coronel, Eric G., Daniel A. Blair, Clifford T. Brown, and Richard E. Terry (2014). The Utility and Limitations of Portable X-Ray Fluorescence and Field Laboratory Conditions on the Geochemical Analysis of Soils and Floors at Areas of Known Human Activities. *Soil Science*. Vol. 179, No. 5, pp. 258-271.
- Romero, Natalia E., Qianli D. Y. Ma, Larry S. Liebovitch, Clifford T. Brown, and Plamen Ch. Ivanov (2010). Correlated Walks down the Babylonian Markets. *Europhysics Letters* 90, 18004. doi: 10.1209/0295-5075/90/18004.
- Brown, Clifford T., Larry S. Liebovitch, and Rachel Glendon (2007). Lévy Flights in Dobe Ju/'hoansi Foraging Patterns. *Human Ecology* Vol. 35, No. 1, pp. 129-138.
- Brown, Clifford T., Walter R. T. Witschey, and Larry S. Liebovitch (2005). The Broken Past: Fractals in Archaeology. *Journal of Archaeological Method and Theory* Vol. 12, No. 1, pp.

37-78.

Brown, Clifford T. and Walter R. T. Witschey (2003). The Fractal Geometry of Ancient Maya Settlement. *Journal of Archaeological Science* Vol. 30, No. 12, pp. 1619-1632.

Wilde, James D. and Clifford T. Brown (2003). Basic Consultation Requirements of NAGPRA for Federal Land Managers: What's a Manager to Do? *Federal Facilities Environmental Journal* Vol. 14, Number 2, pp. 29-40.

Brown, Clifford T. (2001). The Fractal Dimensions of Lithic Reduction. *Journal of Archaeological Science* Vol. 28, No. 6, pp. 619-631.

Brown, Clifford T. (1993). Ich Noh Cah Mayapán: Organización social yucateca del postclásico tardío. *Boletín del Consejo de Arqueología, 1991*, Instituto Nacional de Antropología e Historia, México, pp. 19-24. México, D.F.

Chapters in Peer-Reviewed Volumes

Brown, Clifford T., April Watson, Ashley Gravlin-Beman, and Larry S. Liebovitch (2012). Poor Mayapán, in *The Ancient Maya of Mexico: Reinterpreting the Past of the Northern Maya Lowlands*, edited by Geoffrey Braswell, pp. 306-324. London: Equinox Publishing.

Witschey, Walter R. T. and Clifford T. Brown (2012). 5000 Sites, and Counting: The Inspiration of Maya Settlement Studies, in *The Ancient Maya of Mexico: Reinterpreting the Past of the Northern Maya Lowlands*, edited by Geoffrey Braswell, pp.170-188. London: Equinox Publishing.

Brown, Clifford T., Larry S. Liebovitch, and Rachel Glendon (2010). Hunter-Gatherers Optimize Their Foraging Patterns Using Lévy Flights, in *Human Ecology: Contemporary Research and Practice*, edited by Daniel G. Bates and Judith Tucker, pp. 51-65. New York: Springer.

Brown, Clifford T. (2010). Reflections on "Metaarchaeology", in *Advancing Phenomenology*, edited by Philip Blosser and Thomas Nenon, pp. 391-400. Contributions to Phenomenology No. 62. Dordrecht: Kluwer Academic Publishers.

Brown, Clifford T. and Jessica Robkin (2009). Estudio de la Geometría Fractal del Patrón de Asentamiento Maya, in *Memorias del Segundo Congreso Internacional de Cultura Maya*, edited by Alfredo Barrera Rubio and Ruth Gubler. In press.

Brown, Clifford T. (2006). Water Sources at Mayapán, Yucatán, México, in *Precolumbian Water Management: Ideology, Ritual, and Power*, edited by Lisa Lucero and Barbara Fash, pp. 171-188. Tucson: University of Arizona Press.

Brown, Clifford T. (2005). Caves, Karst, and Settlement at Mayapán, Yucatán, in *In the Maw of the Earth Monster: Mesoamerican Ritual Cave Use*, edited by James E. Brady and Keith M.

Prufer, pp. 373-402. Austin: University of Texas Press (The Linda Schele Series in Maya and Pre-Columbian Studies).

Brown, Clifford T. and Walter R. T. Witschey (2001). The Geographical Analysis of Ancient Maya Settlement and Polity. *Proceedings of the 2001 Pacific Neighborhood Consortium and Electronic Cultural Atlas Initiative Conference*. Taipei: Academia Sinica. CD-ROM. (Reprinted in *FAMSI Journal of the Ancient Americas* http://research.famsi.org/aztlan/papers_index.php)

Publications on Teaching

Brown, Clifford T. (2007). Advice to My Graduate Students. *The Archaeological Record* Vol. 7, No. 1, pp. 28-31. Washington, D.C.: Society for American Archaeology. Editorial Review.

Encyclopedia Articles

Brown, Clifford T. (2014) Interactions with the Southern Periphery, in *Encyclopedia of the Ancient Maya*, edited by Walter R. T. Witschey. Lanham, Maryland: Alta Mira Press, an imprint of Rowman and Littlefield. Submitted.

Brown, Clifford T. (2013). Timothy Beach [biographical entry], in *Encyclopedia of Global Archaeology*, edited by Clair Smith. Springer. In press.

Brown, Clifford T. (2010). Mayapán, in *Encyclopedia of Latin America, Volume I, Amerindians through Foreign Colonization, (Prehistory to 1560)*, edited by Michael Francis, p. 204. N.Y.: Facts On File.

Brown, Clifford T. (2010). Copán, in *Encyclopedia of Latin America, Volume I, Amerindians through Foreign Colonization, (Prehistory to 1560)*, edited by Michael Francis, p. 102-103. N.Y.: Facts On File.

Brown, Clifford T. (2010). Agriculture-Mesoamerica Before 1492, in *Encyclopedia of Latin America, Volume I, Amerindians through Foreign Colonization, (Prehistory to 1560)*, edited by Michael Francis, p. 4-6. N.Y.: Facts On File.

Brown, Clifford T. (2010). Architecture-Mesoamerica Before 1492, in *Encyclopedia of Latin America, Volume I, Amerindians through Foreign Colonization, (Prehistory to 1560)*, edited by Michael Francis, p. 16-20. N.Y.: Facts On File.

Brown, Clifford T. (2010). Maya—Introduction, Geography, Languages, Chronology, in *Encyclopedia of Latin America, Volume I, Amerindians through Foreign Colonization, (Prehistory to 1560)*, edited by Michael Francis, p. 194-196. N.Y.: Facts On File.

Brown, Clifford T. (2010). Nicaragua, in *Encyclopedia of Latin America, Volume I, Amerindians*

through Foreign Colonization, (Prehistory to 1560), edited by Michael Francis, p. 239-240. N.Y.: Facts On File.

Brown, Clifford T. (2001). Mayapán, in *Encyclopedia of Mesoamerican Culture*, edited by David Carrasco, Vol. II, pp. 193-196, Oxford: Oxford University Press.

Book Reviews

Brown, Clifford T. (2007). Review of *The Chattahoochee Chiefdoms* by John H. Blitz and Karl G. Lorenz. University of Alabama Press. *American Anthropologist* vol. 109, No. 1, pp. 204-205.

Brown, Clifford T. (2005). Review of *The Terminal Classic in the Maya Lowlands: Collapse, Transition, and Transformation*, edited by Arthur A. Demarest, Prudence M. Rice, and Don S. Rice. Boulder: University of Colorado Press, 2004. *Ethnohistory* vol. 52, No. 4, pp. 800-801.

Other Publications

Brown, Clifford T. (2012). “Measuring the Value of Literary Research” Letter to the Editor, *Chronicle of Higher Education*, p. B22, January 6, 2012, Vol. LVIII, Number 18.

Brown, Clifford T. (2011). La Auto-organización de la Fractalidad de la Guerra, in *El Teatro del Poder: Ponencias Presentadas durante el Coloquio “La Guerra en las Sociedades Originales de Nicaragua” en Conmemoración del 489 Aniversario de la Guerra entre el Cacique Diriangen y el Ejército de Gil Gonzáles Dávila*, edited by Edgar Espinoza Pérez, pp. 15-32. Managua, Nicaragua: Alcaldía de Managua.

Witschey, Walter R. T. and Clifford T. Brown (2009). Need Data? The Electronic Atlas of Ancient Maya Sites Will Be Happy to Help. *SAA Archaeological Record* Vol. 9, No. 4 (September), p. 35.

Brown, Clifford T., Carlos Peraza Lope, Walter R. T. Witschey, and Rhianna Rogers (2006). Results of Survey in Central Yucatán, México. *FAMSI Journal of the Ancient Americas*. Electronic journal. <http://research.famsi.org/aztlan/papers_index.php> Editorial Board Review.

Brown, Clifford T. and Walter R. T. Witschey (n.d.). *Electronic Atlas of Ancient Maya Sites*. Electronic (Web) Publication <http://MayaGIS.smv.org>. (This is a regional geographic information system [GIS] for archaeological analysis of polity, settlement, and spatial patterns of culture. We have created the only comprehensive archaeological atlas of the Maya culture area.)

Works in Progress

Books:

Brown, Clifford T., Michael S. Harris, Charles Anello, and Douglas Broadfield (n.d.). *Statistics for Anthropologists*. In preparation.

Philmon, Kendra and Clifford T. Brown (n.d.). *Cusirisna: A Funerary Cave in Boaco, Nicaragua*. Offer to publish pending revision.

Refereed Journal Articles and Book Chapters:

García Vásquez, Ramiro, Sandra Espinoza Vallejos, Michele Williams, Edgar Espinoza Pérez, and Clifford T. Brown (2014). Under the Volcano: An Initial Assessment of the Archaeology of the Department of Chinandega, Nicaragua, invited book chapter in *The Archaeology of Nicaragua*, edited by Larry Steinbrenner and Geoffrey McCafferty, under consideration by the University Press of Colorado.

Strawinska, Urszula, Larry S. Liebovitch, April Watson, and Clifford T. Brown (2012). The Evolution of Inequality in Ancient Maya Society. Under revision for submission to *Current Anthropology*.

Brown, Clifford T., Carlos Peraza Lope, and Josalyn M. Ferguson (2012). The Caves of Mayapán. In revision.

Brown, Clifford T., Larry S. Liebovitch, and Sara Grayson (2009). Fractal Analysis of Spatial Distributions of Artifacts. Being revised for publication in *American Antiquity*.

Conferences, Symposia, and Workshops Organized

2012 Organizer of the symposium *Archaeology in the Heart of the American Isthmus* at the Society for American Archaeology 77th Annual Meeting, Memphis, Tenn., April 18-22, 2012.

2007 Organizer, Florida Atlantic University Seventh Annual Maya Hieroglyphic Workshop and Lecture Series. October 6th, 2007. Florida Atlantic University, Boca Raton, Florida.

2006 Chair and organizer, Second Annual Conference on Mesoamerican Archaeology and Ethnohistory, held at Florida Atlantic University, Boca Raton, Florida, March 24th and 25th, 2006.

2006 Organizer, Florida Atlantic University Sixth Annual Maya Hieroglyphic Workshop and Lecture Series. October 21th, 2006. Florida Atlantic University, Boca Raton, Florida.

2004 Organizer, Florida Atlantic University Fifth Annual Maya Hieroglyphic Workshop and

Lecture Series. October 14th, 2004. Florida Atlantic University, Boca Raton, Florida.

2003 *Fractals in Archaeology*. Symposium co-organizer and co-chair. 68th Annual Meeting of the Society for American Archaeology, April 9-13, Milwaukee, Wisconsin.

2003 Organizer, Florida Atlantic University Fourth Annual Maya Hieroglyphic Workshop and Lecture Series. October 11th, 2003. Florida Atlantic University, Boca Raton, Florida.

Conference Presentations

2014 *Recent Investigations in the Department of Chinandega, Nicaragua*, first author, with Ramiro García Vásquez and Sandra Espinoza Vallejos. Presented in the symposium “Recent Research in Nicaragua” on Friday, April 25th, 2014 at the 79th Annual Meeting of the Society for American Archaeology, held in Austin, Texas.

2014 *An Osteological Analysis of Human Remains from Cusirisna Cave, Boaco, Nicaragua*, Kendra Philmon and Clifford T. Brown. Presented in the symposium “Recent Research in Nicaragua” on Friday, April 25th, 2014 at the 79th Annual Meeting of the Society for American Archaeology, held in Austin, Texas.

2014 *The Topology of Archaeological Site Distributions: Lacunarity and Fractal Dimension*, Kelin Flanagan and Clifford T. Brown. Presented in the symposium “Multi-Scalar Approaches to Archaeological Interpretation” on Sunday, April 27th, 2014 at the 79th Annual Meeting of the Society for American Archaeology, held in Austin, Texas.

2014 *Remarks on the Meaning of Scale in Archaeology*. Discussant in the symposium “Multi-Scalar Approaches to Archaeological Interpretation” on Sunday, April 27th, 2014 at the 79th Annual Meeting of the Society for American Archaeology, held in Austin, Texas.

2013 *Reconocimiento, Prospecciones y Excavaciones en el Departamento de Chinandega, Nicaragua (2009-2013)*, Ramiro García Vásquez and Clifford T. Brown. Presented in the Fifth Central American Archaeological Congress, held in the National Museum of Anthropology “Dr. David J. Guzmán,” San Salvador, El Salvador, November 28th, 2013.

2013 *The Incident at Oztamal*. Invited lecture presented to the Institute of Maya Studies, Miami Museum of Science, Miami, Florida, February 20th, 2013.

2012 *The Evolution of Inequality in Ancient Maya Society*, first author with April Watson, Ursula Strawinska, and Larry S. Liebovitch. Presented in the symposium “Bruce H. Dahlin Memorial Session Part 1: Ancient Maya Economies” on April 20th, 2012 at the 77th Annual Meeting of the Society for American Archaeology, held in Memphis, Tenn.

2012 *The Archaeology of Chinandega, Nicaragua: An Initial Report*. Michele Williams, Ramiro García Vásquez, Sandra Espinoza Vallejos, and Clifford T. Brown. Presented in the

- symposium “Archaeology in the Heart of the American Isthmus” on April 22nd, 2012 at the 77th Annual Meeting of the Society for American Archaeology, held in Memphis, Tenn.
- 2011 *La Auto-organización de la Fractalidad de la Guerra*. Invited paper presented at the Colloquium “La Guerra entre los Pueblos Originarios de Nicaragua” held in commemoration of the 489th anniversary of the war between Chief Diriangén and the army of Gil González Dávila, held April 15th, 2011 in Managua, Nicaragua.
- 2011 *La Evolución de la Desigualdad Económica en la Sociedad Maya Antigua*, first author with April Watson, Ursula Strawinska, and Larry S. Liebovitch. Invited paper presented at the “III Congreso Internacional de Cultura Maya: Civilización, Colapso, Crisis, y Coyuntura,” held in Mérida, Yucatán, México, March 14th, 2011.
- 2010 *La Auto-Organización de la Civilización*, first author with April Watson and Larry S. Liebovitch. Invited keynote address presented at the “Primer Congreso Mexicano de Ciencias de la Complejidad” held at the Universidad Nacional Autónoma de México on October 4th through 6th, 2010, in México, D.F.
- 2010 *Wealth and Society at Mayapán*, first author with April Watson, Ashley Gravlin-Bemin, and Larry S. Liebovitch. Paper presented in the symposium “The Ancient Maya of Yucatán: Papers in Honor of E. Wyllys Andrews V, Part I” held at the 75 Annual Meeting of the Society for American Archaeology in St. Louis, Mo. on Saturday, April 17th, 2010.
- 2010 *5000 Sites, and Counting: The Inspiration of Maya Settlement Studies in 2010*, second author with Walter R. T. Witschey. Paper presented in the symposium “The Ancient Maya of Yucatán: Papers in Honor of E. Wyllys Andrews V, Part I” held at the 75 Annual Meeting of the Society for American Archaeology in St. Louis, Mo. on Saturday, April 17th, 2010.
- 2010 “*El Norte: A Discussion*,” an invited lecture at the Cinema Paradiso “Around the World in 80 Nights” Film Festival, Sponsored by the John S. and James L. Knight Foundation. February 9th.
- 2009 *Prospección y Excavación en el Departamento de Chinandega*, first author with Ramiro García, Carmen Sánchez, Michele Williams, Sandra Espinoza, and Timothy Beach. Invited lecture presented in a symposium on August 14th at the Palacio Nacional de Cultura in honor of the Anniversary of the National Museum of Nicaragua.
- 2008 Moderator of symposium “Andean Iconography and Ceramic Technology,” Southeast Conference on Amazonian and Andean Studies, September 19-20, 2008, Holiday Inn Town Center, Boca Raton, Fla.
- 2008 *The Archaeology of Northwestern Nicaragua*. Invited presentation to the Institute of Maya Studies, Miami Museum of Science, April 16th, 2008.

- 2008 *Building a Neotropical Framework for Dark Earths* (third author with Elizabeth Graham and Timothy Beach). Paper presented at the Symposium “Geoarchaeology and Dark Earths II” celebrated at the Sixth World Archaeological Congress, University College, Dublin, Ireland, June 29th – July 4th, 2008.
- 2007 *Long Term Distribution of Agricultural Commodities Prices: from Ancient Babylon to Modern England* (third author with Natalie Romero and Larry S. Liebovitch). Poster presented at the International Conference on Complex Systems, Boston, Mass. October 28 - Nov. 2, 2007.
- 2006 *Survey of the Central Part of the State of Yucatán, México* (First author with Carlos Peraza Lope, Walter R. T. Witschey, and Rhianna Rogers). Paper presented at the Second Annual Conference on Mesoamerican Archaeology and Ethnohistory, held at Florida Atlantic University, Boca Raton, Florida, March 25th, 2006.
- 2006 *Results from Investigations at Hunactí, Yucatán* (Fourth author with Rhianna Rogers, Carlos Peraza Lope, and Walter R. T. Witschey). Paper presented at the Second Annual Conference on Mesoamerican Archaeology and Ethnohistory, held at Florida Atlantic University, Boca Raton, Florida, March 25th, 2006.
- 2006 *Results of Survey in Central Yucatán, México* (first author with Carlos Peraza Lope, Walter R. T. Witschey, and Rhianna Rogers). Paper Presented at the Symposium “Regional and Community Organization in the Northern Lowlands: Papers in Honor of the Life and Legacy of Ed Kurjack” celebrated at 76th Annual Meeting of the Society for American Archaeology, San Juan, Puerto Rico, April 29th, 2006.
- 2005 *Chert Artifacts from the Residential Areas of Mayapán, Yucatán, México* (first author with Katherine W. Gregory). First Annual Southeast Conference on Mesoamerican Archaeology and Ethnohistory. University of South Florida, Tampa, Florida. February 12th, 2005.
- 2005 *Estudio de la Geometría Fractal de Patrón de Asentamiento Maya* (first author, with Jessica Robkin). Segundo Congreso Internacional de Cultura Maya, Mérida, Yucatán, México. March 14th, 2005.
- 2004 *More on Ch'en Mul and Other Caves at Mayapán at Mayapán, Yucatán*. Presented in the symposium “The Importance of Ritual Space in Subterranean Mesoamerica” organized by Keith Prufer at the 69th Annual Meeting of the Society for American Archaeology, March 31st-April 4th, 2004, Montréal, Canada.
- 2004 *Archaeology of Central Yucatán*, Florida Atlantic University Fifth Annual Maya Hieroglyphic Workshop and Lecture Series. October 14th, 2004. Florida Atlantic University, Boca Raton, Florida.

- 2003 *Views of a Fractal Past*. Presented in the symposium "Fractals in Archaeology" at the 68th Annual Meeting of the Society for American Archaeology, April 9-13, Milwaukee, Wisconsin.
- 2003 *Fractal Fragmentation of Ceramics* (First author with Walter R. T. Witschey). Presented in the symposium "Fractals in Archaeology" at the 68th Annual Meeting of the Society for American Archaeology, April 9-13, Milwaukee, Wisconsin.
- 2003 Invited Keynote Address: *Dynamics and Patterns in the Rise and Fall of States: Problems and Data*. Society for Chaos Theory in Psychology and the Life Sciences, 13th Annual Conference, August 8 – 10th, Boston, Mass.
- 2003 *Fortress of the Plumed Serpent: Recent Research at Mayapán*. Public lecture delivered at the Florida Atlantic University Fourth Annual Maya Hieroglyphic Workshop and Lecture Series. October 11th, 2003. Florida Atlantic University, Boca Raton, Florida.
- 2002 *Results from the Electronic Atlas of Ancient Maya Sites* (First author with Walter R. T. Witschey). Paper presented in the symposium "Current Applications of Remote Sensing and GIS in North American and Mesoamerican Archaeology" at the 67th Meeting of the Society for American Archaeology, Denver, Colorado.
- 2002 *Some Reflections on the Economic Organization of Mayapán*. Paper presented in the symposium "New Light on the Political Economies of the Northern Maya" at the 67th Meeting of the Society for American Archaeology, Denver, Colorado.
- 2002 *New Views of Mayapán*. Invited paper presented at the First Annual Tulane Maya Symposium and Workshop. Tulane University, New Orleans, November 2, 2002.
- 2001 *The Geographical Analysis of Ancient Maya Settlement and Polity* (First author with Walter R. T. Witschey). Presented at the 2001 meeting of the Electronic Cultural Atlas Initiative, City University, Hong Kong, China. (Led to publication)
- 2001 *Spatial Distribution of Artifact Types and Styles at Mayapán, Yucatán, México*. Paper presented at the 66th Annual Meeting of the Society for American Archaeology, New Orleans, Louisiana.
- 2001 *The Pre-Hispanic Yucatec Maya Kinship System*. Paper presented at the 100th Annual Meeting of the American Anthropological Association, Washington, D.C.
- 2000 *Building a GIS of Ancient Lowland Maya Settlement*. Paper presented at the 65th Annual Meeting of the Society for American Archaeology, Philadelphia, Pennsylvania.
- 2000 *Fractals, Artifacts, and Settlement at Mayapán, Yucatan, Mexico*. Invited lecture at the Pre-Columbian Society of Washington, delivered at the International Monetary Fund, Washington, D.C.

- 1999 *Fractals and Chaos in Archaeology*. Paper presented at the 64th Annual Meeting of the Society for American Archaeology, Chicago, Illinois.
- 1998 *Fractals and Chaos in the Archaeology of Mayapán*. Paper presented at the 97th Annual Meeting of the American Anthropological Association, Philadelphia, Pennsylvania.
- 1997 *Caves, Karst, and Settlement at Mayapán, Yucatán*. Paper presented at the 62nd Annual Meeting of the Society of American Archaeology, Nashville, Tennessee.
- 1996 *Data Recovery Excavations at Site 22PR533, An Upland Camp in Southern Mississippi*. Paper presented at the 53rd Southeastern Archaeological Conference, Birmingham, Alabama.
- 1995 *Settlement Patterns and Social Organization at Mayapán, Yucatán, México*. Paper presented at the 60th Annual Meeting of the Society for American Archaeology, Minneapolis, Minnesota.
- 1994 *Late Woodland Subsistence at the Palusha Creek 2 Site (22LF649), Leflore County, Mississippi* (First author, with William P. Athens). Paper presented at the 51st Southeastern Archeological Conference, Lexington, Kentucky.
- 1991 *Organización Social en Mayapán*. Invited lecture presented at the Regional Center of the National Institute of Anthropology and History, Mérida, Yucatán, México.
- 1990 *Methodological Problems in Ethnoarchaeology*. Paper presented at the 55th Annual Meeting of the Society for American Archaeology, Las Vegas, Nevada.
- 1989 *Notes on Yucatecan Maya Kinship History*. Paper presented at the Graduate Anthropology Colloquium, Tulane University.

Technical Reports

- 2013 *Reconocimiento, Prospecciones, y Excavaciones en el Departamento de Chinandega, Nicaragua, Temporada II: Informe Preliminar, Trabajo de Campo*. Submitted to the Instituto Nicaragüense de Cultura, August, 2013.
- 2010 *Informe Final del Proyecto “Reconocimiento, Prospecciones, y Excavaciones en el Departamento de Chinandega”* (with Ramiro García Vásquez, Sandra Espinoza, Michele Williams, Timothy Beach, and Carmen Giomar Sánchez F.). Entregado al Instituto Nicaragüense de Cultura.
- 2006 *Informe Final del Proyecto Mayapán* entregado al Consejo Nacional de Arqueología de México. 4 volumes.
- 2002 Pozos Estratigráficos de la Temporada 2002, pp. 373-407. *Los Fundamentos Del Poder Económico de Mayapán: Proyecto Mayapán – Temporada 2002 Informe para el Consejo*

Nacional de Arqueología de México y Propuesta de actividades para la Temporada 2003. by Marilyn Masson, Carlos Peraza Lope, and Timothy S. Hare. Centro Yucatán del Instituto Nacional de Antropología e Historia. University at Albany-SUNY. National Science Foundation, Marzo de 2003. Albany, New York / Mérida, Yucatán.

- 1997a *Phase I Cultural Resources Survey and Inventory of the Proposed Destin Pipeline Project, Jackson, George, Greene, Wayne, and Clark Counties, Mississippi* (First author with Christopher Davies, Jennifer Walter, Gary Gordon, Ralph Draughon, Jr., J. Cinder Griffin, Thomas Fenn, Michele Williams, Jeremy Pincoske, Allen Green, Jr., Angele Montana, Jon Berkin, Charlotte Donald, and William P. Athens). Submitted by R. Christopher Goodwin & Associates, Inc., to the Destin Pipeline Company, Inc.
- 1997b *Cultural Resource Literature and Records Review for Morganza to the Gulf Feasibility Study, Terrebonne and Lafourche Parishes, Louisiana.* (First author with Dave D. Davis, Julian Granberry, Roger Saucier, Lynn A. Berg, Christine Herman, J. Cinder Griffin Miller, Jeremy Pincoske, Susan Barrett Smith, and R. Christopher Goodwin). Submitted to U.S. Army Corps of Engineers, New Orleans District. 241 pp. Distributed by the Defense Technical Information Center.
- 1996a *Phase III Data Recovery at Site 8WL81 for the Proposed Florida Gas Transmission Phase III Expansion Project, Walton County, Florida* (with Jon Berkin, James Allen Green, Jr., Michele Williams, Christopher Davies, Charlotte Donald, Frank Vento, Julian Granberry, and Arlene Fradkin). Submitted by R. Christopher Goodwin & Associates, Inc., to Florida Gas Transmission Company.
- 1996b *Phase III Data Recovery at Site 8LI76 for the Proposed Florida Gas Transmission Phase III Expansion Project, Liberty County, Florida* (with Jeffrey H. Maymon, Thomas Majorov, Frank Vento, Michele Williams, Arlene Fradkin, Kathleen Child and John Clarke; with contributions by Julian Granberry, and Margaret Neumann). Submitted by R. Christopher Goodwin & Associates, Inc., to the Florida Gas Transmission Corporation.
- 1996c *Phase III Data Recovery Excavations at Grand Bayou Reservoir, Sites 16RR64 and 16RR292, Red River Parish, Louisiana* (with Christopher Davies, Tom Fenn, Michele Williams, and Allen Green, Jr.). Submitted by R. Christopher Goodwin & Associates, Inc. to the Louisiana Department of Transportation.
- 1996d *Phase I Cultural Resources Survey of SR 263 (Capital Circle Southwest) to Wahnish Way, Leon County, Florida* (with J. Cinder Griffin Miller, Ralph Draughon, Science Kilner, Frank Vento, and Michele Williams). Submitted to the Florida Department of Transportation, District III, by R. Christopher Goodwin & Associates, Inc.
- 1996e *Cultural Resources Overview of the Proposed Destin Pipeline Project, Gulf of Mexico to Clarke County, Mississippi* (with J. Cinder Griffin Miller, Ralph Draughon, Tom Fenn,

Michele Williams, Charlotte Donald, Jeremy Pincoske, Angele Montana, Jon Berkin, and William P. Athens). Submitted by R. Christopher Goodwin & Associates, Inc., to the Destin Pipeline Company, Inc.

1996f *Cultural Resources Overview of the Mobile Alternate Route of the Proposed Destin Pipeline Project, Gulf of Mexico to the York Compressor Station, Sumter County, Alabama* (with J. Cinder Griffin Miller, Ralph Draughon, Tom Fenn, Michele Williams, Charlotte Donald, Jeremy Horowitz, Angele Montana, Jon Berkin, and William P. Athens). Submitted by R. Christopher Goodwin & Associates, Inc., to the Destin Pipeline Company, Inc.

1996g *Phase I Cultural Resources Survey and Inventory of the Proposed Southern Natural Gas Company 30 in O.D. South Main 2nd Loop Line Expansion, Crawford and Monroe Counties, Georgia* (with Luis Williams, Ralph Draughon, Jr., Thomas Fenn, Michele Williams, Jeremy Pincoske, and William Athens). Submitted by R. Christopher Goodwin & Associates, Inc., to the Southern Natural Gas Company, Inc.

1996h *Phase I Cultural Resources Survey and Inventory of the Proposed Southern Natural Gas Company 16 in O.D. Brunswick Loop Line Expansion, Jones and Twiggs Counties, Georgia* (with Luis Williams, Ralph Draughon, Jr., Thomas Fenn, Michele Williams, Jeremy Pincoske, and William Athens). Submitted by R. Christopher Goodwin & Associates, Inc., to the Southern Natural Gas Company, Inc.

1996i *Phase I Cultural Resources Survey and Inventory of the Proposed Southern Natural Gas Company 30 in O.D. Franklinton -- Gwinville 2nd Loop Line Expansion, Walthall, Lawrence, and Marion Counties, Mississippi* (with Luis Williams, Ralph Draughon, Jr., Thomas Fenn, Michele Williams, and William Athens). Submitted by R. Christopher Goodwin & Associates, Inc., to the Southern Natural Gas Company, Inc.

1996j *Phase I Cultural Resources Survey and Inventory of the Proposed Southern Natural Gas Company 24 in O.D. 2nd North Main Line Expansion, Pickens and Tuscaloosa Counties, Alabama* (with Luis Williams, Ralph Draughon, Jr., Thomas Fenn, Michele Williams, Ann Ballard, and William Athens). Submitted by R. Christopher Goodwin & Associates, Inc., to the Southern Natural Gas Company, Inc.

1996k *Phase I Cultural Resources Survey and Inventory of the Proposed Southern Natural Gas Company 30 in O.D. South Main 3rd Loop Line Expansion, Lee County, Alabama* (with Luis Williams, Ralph Draughon, Jr., Thomas Fenn, Michele Williams, Ann Ballard, and William Athens). Submitted by R. Christopher Goodwin & Associates, Inc., to the Southern Natural Gas Company, Inc.

1996l *Phase I Cultural Resources Survey and Inventory of the Proposed Discovery Gas Transmission LLC Pipeline Project, Gulf of Mexico to Lafourche Parish, Louisiana* (with J.

Cinder Griffin Miller, Dave Robinson, Roger Saucier, Susan Barrett Smith, John Seidel, Glenn Walter, Michele Williams, and William Athens) Submitted by R. Christopher Goodwin & Associates, Inc., to Discovery Gas Transmission LLC.

- 1995a *Phase III Data Recovery at Sites 8JE102, 8JE104B, and 8JE878 for the Proposed Florida Gas Transmission Phase III Expansion Project, Jefferson County, Florida.* (with Ann Markell, Jon Berkin, Tom Davis, Julian Granberry, Frank Vento, William P. Athens, and R. Christopher Goodwin). Submitted by R. Christopher Goodwin & Associates, Inc. to Florida Gas Transmission Company.
- 1995b *A Land Use History of the St. Charles Parish Levee, Lake Pontchartrain and Vicinity Hurricane Protection Project, St. Charles Parish, Louisiana* (with Ralph Draughon, Jr., Susan Barrett Smith, Jon Berkin, Anna Norton, Derek Wingfield, E. Burton Kemp, and William P. Athens). Submitted by R. Christopher Goodwin & Associates, Inc., to the U.S. Army Corps of Engineers, New Orleans District.
- 1995c *Phase III Data Recovery at Site 22PR533 for the Proposed Florida Gas Transmission Company Phase III Expansion Project, Pearl River County, Mississippi* (First author with Connie A. Darby, James A. Green, Christopher Davies, Michele L. Williams, Gary Gordon, Frank Vento, and William P. Athens; with contributions by Justine Woodward, Arlene Fradkin, and Margaret Newman). Submitted by R. Christopher Goodwin & Associates, Inc., to Florida Gas Transmission Company. 6 volumes.
- 1995d *Phase III Data Recovery at Sites 8HI473 and 8HI472/381 for the Proposed Florida Gas Transmission Company Phase III Expansion Project, Hillsborough County, Florida* (First author with Connie A. Darby, Thomas Fenn, Christopher Davies, James Allen. Green, Jr., Michele L. Williams, Frank Vento, and William P. Athens). Submitted by R. Christopher Goodwin & Associates, Inc., to Florida Gas Transmission Company. 2 volumes.
- 1995e *Phase III Data Recovery at Site 8LE2105 for the Proposed Florida Gas Transmission Phase III Expansion Project, Leon County, Florida* (with Michael B. Hornum, Donald J. Maher, Julian Granberry, Frank Vento, Arlene Fradkin, and Michelle Williams). Submitted by R. Christopher Goodwin & Associates, Inc., to Florida Gas Transmission Company.
- 1994a *Phase II Cultural Resources Investigation of Sites 16WA69 and 16WA135 of the Louisiana Portion of the Proposed Florida Gas Transmission Company Phase III Expansion Project* (First author with William P. Athens, Susan Barrett Smith, Jennifer Cohen, Thomas Fenn, and Justine Woodard). Submitted by R. Christopher Goodwin & Associates, Inc., to Florida Gas Transmission Company, Houston. 2 volumes.
- 1994b *Phase II Archeological Evaluation of Thirteen Sites for the Proposed Florida Gas Transmission Phase III Expansion Project, Jefferson and Madison Counties, Florida* (with Thomas W. Davis, Jeffery H. Maymon, Michael P. Hornum, Lance B. Trask, John

Calabrese, Thomas Marjarov, Timothy A. Silva, Amy K. Franz, Connie Capozzola, John G. Clarke, Donald Maher, Meril Dunn, Ellen Saint Onge, J. Hampton Tucker, S. Justine Woodward) Submitted by R. Christopher Goodwin & Associates, Inc., to Florida Gas Transmission Company, Houston.

1994c *Phase II Cultural Resources Investigation of Sites 22PE533, 22PE534, 22PE535, 22PR533, 22PR534, and 22PR689 of the Mississippi Portion of the Proposed Florida Gas Transmission Company Phase III Expansion Project* (with William P. Athens, Jon Berkin, Stephen Hinks, Paul V. Heinrich, Susan Barrett Smith, Jennifer Cohen, Thomas Fenn, and Justine Woodard). Submitted by R. Christopher Goodwin & Associates, Inc., to Florida Gas Transmission Company, Houston.

1994d *Phase I Cultural Resources Survey of the Proposed Florida Gas Transmission Company Eunice Concrete Coating Yard* (with Rick Wappenstein, Charlotte Donald, Susan Barrett Smith, and William Athens). Submitted by R. Christopher Goodwin & Associates, Inc., to Florida Gas Transmission Company, Houston.

1994e *Phase II Cultural Resources Investigation of Sites 8GI66, 8LV477, 8LV478, and 8CI795* (with William Athens, Jon Berkin, Paul Heinrich, Ralph Draughon, Julie McCray, Thomas Fenn, Heather Cook, Dorothy Scholl-Meeker, Alison Van Wagner, Dan Dolensky, Julian Granberry, and Thomas Neumann). Submitted by R. Christopher Goodwin & Associates, Inc., to Florida Gas Transmission Company, Houston.

1994f *A Cultural Resource Assessment of the Palusha Creek 2 Site, 22LF649, Leflore County, Mississippi* (First author with William P. Athens, Thomas Fenn, Stephen Hinks, and Justine Woodard; with contributions by Joel Dukes, Henry Bart, and Eri Weinstein). Submitted by R. Christopher Goodwin & Associates, Inc., to the U.S. Army Corps of Engineers, Vicksburg District. 1 volume.

PROFESSIONAL ACTIVITIES

Grants, Awards, Honors

Florida Atlantic University Travel Award (\$1000) (2005)
 Florida Atlantic University Travel Award (\$1463) (2004)
 Research Grants, Middle American Research Institute, Tulane University (1987-89)
 Graduate School Support Fund Travel Grant, Tulane University (1990, 1988)
 Summer Fieldwork Grants, Tinker Foundation (1987-89)
 National Science Foundation Graduate Research Fellowship Honorable Mention (1987)
 Summer Fieldwork Grant, Mesoamerican Ecology Institute (1988)
 Graduate Fellowships, Anthropology Department, Tulane University (1986-88)
 Research Assistantships, Anthropology Department, Tulane University (1986-88)
 Yale College Archaeology Committee Summer Research Fellowship (1982)
 National Merit Scholarship (declined) (1979)

Selected Research Projects
(many smaller projects omitted)

Archaeological Survey and Excavation in Northwest Nicaragua. 2009 to present. Director.
Collaboration with the Instituto Nicaragüense de Cultura.

Co-Principal Investigator: Electronic Atlas of Ancient Maya Sites. 1996 to present. In
collaboration with Dr. Walter R. T. Witschey, Longwood University. Construction of a
regional geographic information system for the entire ancient Maya cultural region to
facilitate spatial analysis, especially for research into settlement patterns and political
organization.

Investigation of the Chemical Composition of Ancient Maya Ceramic Paints and Slips through
Raman Spectroscopy. 2006 to present. Co-Principal Investigator with Dr. Andrew C.
Terentis, Florida Atlantic University.

Director and Principal Investigator, Archaeological Survey of Central Yucatán. 2005 to 2007.
Principal Investigator with Walter R. T. Witschey and Carlos Peraza Lope. Archaeological
Survey of the central portion of the state of Yucatán, Mexico, including systematic transect
survey of ancient settlement and identification and mapping of major sites.

Radiocarbon Dating of Mayapán, Yucatán, Mexico. Co-Principal Investigator with Carlos Peraza
Lope, Investigator, National Institute of Anthropology and History, Mexico. We are dating
the largest of all Late Postclassic Maya sites. The chronology of the site anchors the whole
Yucatecan sequence, so this is a particularly important project.

Director and Principal Investigator, Mayapán Archaeological Project. 1990 to 2004. Mapped and
excavated in residential portions of this ancient Maya capital city in the state of Yucatán,
Mexico. Tulane University.

Project Director, Destin Cultural Resources Survey and Inventory. 1996 – 1997. Archaeological
survey of ca. 150 mi pipeline corridor in Jackson, George, Greene, Wayne, and Clark
Counties, southeast Mississippi for R. Christopher Goodwin & Associates.

Project Director, Excavations at Sites 8HI473 and 8HI472/381. 1994 – 1995 Extensive
excavations at multicomponent quarry, workshop, and habitation sites in Tampa, Florida, for
R. Christopher Goodwin & Associates. Identified several cultural components, complex
geological taphonomy, and important information about prehistoric chert exploitation.

Project Director, Excavations at Site 22PR533. 1994 – 1995. Directed largest excavations ever
conducted in southern Mississippi. Extensive excavations at a multicomponent site in Pearl
River County, Mississippi, for R. Christopher Goodwin & Associates. Discovered unique

ceramic and lithic assemblages. Pioneering test for protein residues on Poverty Point object with Margaret Newman of University of Calgary.

Project Director, Test Excavations at the Palusha Creek 2 Site, 22LF649. 1994. Complex test excavations, including backhoe trenching of buried Late Woodland site in the Yazoo Basin, Leflore County, Mississippi. Discovered massive storage pits with early maize cupules in a Baytown period site in the lower Mississippi valley. Conducted for R. Christopher Goodwin & Associates.

Project Director, Test Excavations at Sites 16WA69 and 16WA135. 1994. Test excavations at two chert workshop sites in the Florida Parishes, Louisiana, conducted for R. Christopher Goodwin & Associates.

Project Archaeologist, Tulane University South Acropolis Project, Copán, Honduras, 1990. Supervised excavation of Temple 10L-30 under the direction of E. Wyllys Andrews V. Temple 10L-30 was a monumental pyramidal structure forming part of a royal residential compound at the south end of the Acropolis of Copán.

Director, Ek Balam Ethnoarchaeological Project, Yucatán, México, 1988, 1989. Conducted an ethnoarchaeological study of a traditional Yucatec Maya hamlet during two summer field seasons. Studied the relationships among material culture and other domains of culture, such as kinship, religion, and politics.

Project Archaeologist, Proyecto Arqueológico Muyil, Quintana Roo, México, Summer 1988.

Surveyor, Ek Balam Archaeological Project, Yucatán, México, Summer 1987.

Project Archeologist, Proyecto Arqueológico Maticapan, Veracruz, México, June 1983.

Field and Laboratory Assistant, Proyecto Arqueológico Maticapan, Veracruz, México, Summer 1982.

Laboratory Assistant, Soconusco Archaeological Project, Chiapas, México, Summer 1981.

Curatorial Assistant, Peabody Museum of Natural History, Yale University, 1980 - 1981.

Current Professional Affiliations

Society for American Archaeology
Register of Professional Archaeologists
Sigma Xi

Commentaries on my Research

“Road to Oblivion: Fractal Patterns left by Maya Societies...” by Kate Ravilious. *New Scientist* vol. 181, No. 2429, pp. 42-45, January 10-16, 2004. Discussion of my research published in

“The Fractal Geometry of Ancient Maya Settlement”.

“Locating, Locating, Locating” by Kate Ravilious. *New Scientist*, vol. 192, No. 2579, pp. 44-48. November 25, 2006. Discussion of my research published in “Lévy Flights in Dobe Ju/'hoansi Foraging Patterns”.

TEACHING

Teaching specialization: archaeology, anthropology

Organized and led Faculty Learning Community entitled “Quantitative Reasoning across the Curriculum” in 2010-2011.

Teaching awards

Nominated for FAU Distinguished Teacher of the Year award, 2005.

Courses taught

Undergraduate

Human Origins (Tulane University, Fall 1988 and Spring 1989)

Introduction to Physical Anthropology (Montgomery College, Spring 2003)

Introduction to Anthropology (ANT-2000, FAU, Fall 2003, Summer 2004, Fall 2004, Summer 2005, Summer 2006, Summer 2007, Summer 2009, Summer 2010, Summer 2011, Summer 2012)

Development of Ancient Civilization (ANT-4141, FAU, Spring 2004, Spring, 2005, Spring 2006, Spring 2007)

The Maya and their Neighbors (ANT-3163, FAU, Fall 2003, Fall 2004, Fall 2005, Fall 2006, Fall 2007, Fall 2008, Fall 2009, Fall 2010, Fall 2011, Fall 2013)

Graduate

Graduate Seminar in Human Prehistory (ANG-6115, FAU, Fall 2003, Fall 2004, Fall 2005, Fall 2006, Fall 2007, Fall 2011, Fall 2012, Fall 2013)

Graduate Seminar in Anthropological Theory II (ANG-6084, FAU, Spring 2010, Spring 2011)

New courses added to curriculum

Undergraduate

Real Archaeology (Name changed from “Public Archaeology”; course number changed from ANT-4930 to ANT-3196, FAU, Spring 2004, Spring 2005, Spring 2006, Spring 2007, Spring 2008, Spring 2009, Spring 2010, Spring 2011, Spring 2012, Spring 2013, Spring 2014)

Maya Hieroglyphics and Archaeology (ANT-1930, Honors seminar, FAU, Fall 2009)

Research Methods in Archaeology (ANT-4930, FAU, Fall 2005, Fall 2006, Fall 2007, Fall 2008, Fall 2009, Fall 2010, Spring 2011, Spring 2012, Spring 2013, Spring 2014, Spring 2015)

2012: Maya Apocalypse (ANT-4930, Fall 2012)

Honors Thesis (ANT-4972)

Graduate

Graduate Seminar in Quantitative Reasoning in Anthropology (ANG-6486, FAU, Spring 2008, Spring 2009, Spring 2012, Spring 2013, Spring 2014, Spring 2015)

Thesis and dissertation advising

Rhianna Rogers, Committee Member, thesis, Fall 2003, Spring 2004, “The Spider Woman Rules No More: Christian Institutional Ideologies Leading to the Demise of Female Status in Aztec Religion and Society.” Graduated.

Rhianna Rogers, Committee Chair, dissertation, Fall 2004 to 2007. “Acculturation and Syncretism at Tiho’, Yucatán, in the Late Postclassic and Colonial Periods.” Switched advisors.

Raymond Skinner, Committee Chair, thesis, Spring 2004 to 2007, “*Spondylus* Shell Production at the Río Chico Site, Ecuador”. Graduated.

Daniel J. Proctor, Committee Member, thesis, Fall 2004 to Spring 2005, “Morphometrics and Multi-landmark Depth Analysis of the Proximal Hallucial Metatarsal Articular Surface in Hominoid” Graduated.

Katherine Gregory, Committee Chair, thesis, Spring 2004 to 2006, “Analysis of Chert Informal Tools from Mayapán, Yucatán, Mexico” Graduated.

Kristine LaSala, Committee Chair, thesis, Spring 2004 to 2007, “Archaeology of Guantánamo Bay, Cuba” Inactive.

Kathryn O’Donnell, Committee Chair, thesis. Spring 2006 to Spring 2007. “The Epidemiology of Spina Bifida: an Anthropological Approach.” Graduated.

Deborrah Pinto, Committee Member, thesis, Fall 2003 to Spring 2004, “Re-visiting Briarwoods:

Determining Reliability of Assessing Population Health from Fragmentary Remains.”
Graduated.

Kristen Robbins, Committee Member, dissertation, Spring 2005 to 2006, “Between Home and School: Guatemalan Maya Students and Cultural Gender Roles in South Florida”.
Graduated.

Paul Callsen, Committee Chair, thesis, Fall 2004 to 2008, “Geographic analysis of the ancient Glades site distribution.” Graduated.

Jessica Robkin, Committee Chair, thesis, Spring 2004 to 2012, “Fractal Analysis of Ancient Egyptian Figurative Art.” Graduated.

Nicole Jastremski, Committee Member, thesis, Fall 2004 to Spring 2006, “Bioarchaeological analysis of Skeletal Remains from Salango, Ecuador.” Graduated.

Rose Hores, Committee Member, thesis, Fall 2005 to Spring 2006, “Census of Nonhuman Primate Populations of Comuna El Pital, in South-Central Ecuador”. Graduated.

Lejanet Herrera, Committee Chair, thesis, Fall 2005 to present, “Prehistoric Contact: A Stylistic Analysis of Ceramics from Cuba and Florida.” Inactive.

Erika López, Committee Chair, thesis, Fall 2005 to 2007, “Analysis of historic ceramics from central Mexico.” Inactive.

Colleen Supanich, Committee Member, thesis, Fall 2005 to 2009, “Cultural Conceptions of Health during Pregnancy among Guatemalan Maya Women in Two South Florida Communities.” Graduated.

Gregory Mount, Committee Member, thesis, Fall 2007 to 2009. “Prehistoric Trade Networks in the Lake Okeechobee Region: Evidence from the Ritta Island and Kreamer Island Sites.”
Graduated.

David Leslie, Committee Chair, thesis, Fall 2007 to 2008, “Formal Variation in Lithic Projectile Armatures: Re-interpreting Levallois and Mousterian Points from Tabun”. Graduated.

Ronda Graves, Committee Member, thesis, Spring 2007 to August 2009, “Paleopathology of Human Skeletal Remains from Quito, Ecuador” Graduated.

Carmen Sánchez, Committee Chair, thesis, Spring 2007-2009, “Mayapán: A Pottery Production Study”. Graduated.

Jessica Lynn Drew, Committee Member, thesis, Spring 2009-2010, “Obesity as a Factor in the Accuracy of Aging Skeletal Remains.” Graduated.

April Watson, Committee Chair, thesis. Spring 2009 to 2011, “Predictive Modeling of

Archaeological Site Location in Cuba.” Graduated.

Elliott Farber, Committee Chair, thesis, Spring 2009 to 2013, “Lithic Use-Wear Discrimination Using Laser Scanning Confocal Microscopy (LSCM): A Technique to Quantitatively Differentiate and Attribute Measured Use-Wear to Specific Contact Materials”. Graduated.

Kassandra Nelson, Committee Member, thesis. Fall 2010 to Fall 2011, “Interpreting Activity Patterns from the Human Skeleton.” Graduated.

Timothy Guyah, Committee Chair, thesis, Fall 2009 to Spring 2012, “Typology of Formal Aztec Chipped Stone Tools.” Graduated.

Thomas A. DiVito II, Committee Member, thesis, Fall 2010 to Spring 2011, “Cladistic Analysis of Juvenile and Adult Hominoid Cranial Shape Variables”. Graduated.

Kendra Philmon, Committee Chair, thesis, Spring 2011 to December 2012, “Bioarchaeology of Cusirisna Cave, Nicaragua.” Graduated.

William A. Collins, Committee Member, thesis, Spring 2011 to present, "A Zooarchaeological Perspective of West Kendall Tree Island Site (8DA1081)".

Melissa Boas, Committee Member, thesis, Fall 2011 to Fall 2013. “Hominin Endocast Topography: An Analysis Using Geographic Information Systems”. Graduated.

Tara Sprague, Committee Member, thesis, Spring 2010 to Spring 2012. “Cultural Perspectives among Children of Guatemala Maya Immigrants in Lake Worth, Florida.” Graduated.

Benjamin Wallinger, Committee Chair, Spring 2012 to present. “El Realejo: Applying Cultural Ecology to a Shipbuilding Port.” Inactive.

Catherine Smith, Committee Chair. Spring 2012 to present. “Osteological Analysis of Human Remains from the Belle Glade Site.”

Lana Ruck, Committee Member, thesis, Fall 2013 to 2014. “Experimental Archaeology and Hominid Evolution: Establishing a Methodology for Determining Handedness in Lithic Materials as a Proxy for Cognitive Evolution.” Graduated.

Brittany Reneau, Committee Chair, thesis, Fall 2013 to present. “Phosphate Analysis of Prehistoric Structures in Rio Blanco, Ecuador.”

Kelin Flanagan, Committee Chair, thesis, Fall 2013 to 2014. “Exploring New Methods of Site Discovery: Measuring the lacunarity and fractality of prehistoric settlement patterns in the Valley of Oaxaca, Mexico”. Graduated.

Raymond Clifford Blair, Committee Member, thesis, Spring 2014 to present. “Guenon Hybridization and Its Effects on Parasite Infection in Gombe National Park, Tanzania”

Nicolette Monaco, Committee Chair, thesis, Spring 2013 to present. “The Effect of Maternal Time Management on Breastfeeding and Its Implications for the Neolithic Demographic Revolution.”

Corey Noxon, Committee Chair, thesis, Fall 2012 to present, “Jōmōn Paleodemography.”

Stephen Futej, Committee Member, M.F.A., *Department of Visual Arts and Art History*, Spring 2013 to 2014. Graduated.

April Watson, Committee Member, Dissertation, *Geosciences Department*, Spring 2013 to present.

Christian Davenport, Committee Member, Dissertation, *Geosciences Department*, Fall 2013 to present.

Other Teaching Activities

Took graduate students Justin Colón and Lana Ruck to Nicaragua to conduct archaeological laboratory analysis for 6 weeks, Summer 2014.

Sponsored and led graduate students Justin Colón and Lana Ruck on trip to knap-in at Ochlockonee State Park in northern Florida in February 2014.

Took graduate students Kelin Flanagan and Ashley Hampton into the field on Nicaraguan archaeological project for 7 weeks, Summer 2013.

Took graduate student Benjamin Wallinger into the field in Nicaragua for archaeological field research, Summer 2012.

Took graduate student Carmen Sánchez into the field in Nicaragua for archaeological field research, Summer 2009.

Took graduate student Carmen Sánchez into the field in Mexico for archaeological laboratory research, Summer 2008.

Took graduate student Rhianna Rogers into the field in Mexico for archaeological field research, Summer 2008.

Took graduate student Katherine Gregory into the field in Mexico for laboratory research, Summer 2004.

Founding faculty member: Archaeology Journal Club, Department of Anthropology, Anthropology Graduate Student Union. Currently moribund.

SERVICE

Departmental Service

Member, Steering Committee, Southeast Regional Center of the Florida Public Archaeology Network Spring 2007 to present.

Led the design, submission, and approval of the Honors-in-the-Major program, 2013-2014.

Anthropology Department representative, College Faculty Assembly, Fall 2005 to 2011

Mentor for undergraduate student, Elizabeth Medina, 2007-2010

Coordinator, Biological anthropology faculty search, Spring 2005

College Service

Dorothy F. Schmidt College of Arts and Letters, Undergraduate Programs Committee,
Member Fall 2004 to Fall 2006, Fall 2012 to Spring 2013.
Chair, Fall 2013 to present

Visual Arts and Art History Department, Chair of Faculty Search Committee for ceramic artist,
Fall 2013-Spring 2014.

Dorothy F. Schmidt College of Arts and Letters, Caribbean and Latin American Studies
Certificate, Steering Committee member. Fall 2005 to present.

Dorothy F. Schmidt College of Arts and Letters, Classical Studies Program, Executive
Committee member. Fall 2010 to present.

Dorothy F. Schmidt College of Arts and Letters, Peace Studies Program, Executive Committee
member. August 2010 to present.

Dorothy F. Schmidt College of Arts and Letters, Research and Creative Activities Committee,
member, Fall 2006 to May 2008.

Dorothy F. Schmidt College of Arts and Letters, Chair, Faculty Assembly. August 2010 to
August 2011.

Dorothy F. Schmidt College of Arts and Letters, Faculty Assembly Vice Chair. May 2008 – May
2009.

Dorothy F. Schmidt College of Arts and Letters, Dean's Task Force on New Directions. April
2009 to October 2010.

Dorothy F. Schmidt College of Arts and Letters, Dean's Faculty Advisory Committee, member
Fall 2004 to Fall 2006.

University Service

Accreditation Quality Enhancement Plan, Distinction through Discovery, Steering Committee member and proposal reviewer. Fall 2012-present.

Member, Contemporary Social Issues Theme Steering Committee 2012-present

“Expression of Peace” week, participated in two events, February 2010.

Florida Atlantic University, Research Awards Review Panel, Member 2005 and 2006.

University Faculty of Florida, Second Vice President of FAU chapter, May 2008 to 2010.

Public Service

Historic Resources Review Board of Palm Beach County. Appointed by Board of County Commissioners.

Board Member: Summer 2006 to March 2007.

Vice Chair: March 2007 to December 2013.

Chair: December 2013 to present.

Public lecture, Palm Beach County Archaeological Society, Thursday, February 13th, 2014, “Under the Volcano II: Exploring Migration, Colonialism, and Ethnicity along the Southern Boundary of Mesoamerica in Nicaragua”

Public lecture, Palm Beach County Archaeological Society, February 2013, “The Incident at Otzmal.”

Public lecture, Palm Beach County Archaeological Society, 2012, “Why What We Think We Know Is Wrong, and What We Ought to Be Doing Instead.”

United States Air Force, External Judge, United States Air Force General Thomas D. White Environmental Awards, 2008, 2009, and 2010.

Public presentation for Archaeology Day at Anne Kolb Nature Center, Hollywood, Fla.: “Exploring My Backpack”, March 13, 2010.

Public presentation on the Guatemalan Maya for the Literacy Coalition at the Palm Beach County Children’s Services Council: “Who Are the Maya of Palm Beach County?”, March 19, 2010.

Community Service

Guatemalan Maya Center, Lake Worth, Florida, a local social services non-profit organization.

Fall 2003 to Fall 2004: Volunteer

Fall 2004 to Spring 2007: Member, Board of Directors

Spring 2007 to December 2008: Secretary, Board of Directors
December 2008 to March 2010: Chairman of the Board

Expert Witness, testified *pro bono* in Re: María Tomás Gaspar (Case A087-400 527) before Judge Mateo, Federal Immigration Court, Miami, Fla. April 2010.

Expert Witness, provided *pro bono* testimony to Judge Miranda in Re: Marcotulio Mendez-Jacobo (Case A089-231-989), Federal Immigration court, Miami, Fla. February 2011.

Professional Service, Editorial responsibilities

Member, Editorial Board, *Journal of Central American Art and Archaeology* (JCA3)
Member, Editorial Board, *Nonlinear Biomedical Physics*

Peer review:

Journals:

Ancient Mesoamerica
Archaeometry
Annals of the Association of American Geographers
Ethnohistory
Global and Planetary Change
Human Ecology
Journal of Archaeological Science
Journal of Archaeological Method and Theory
Journal of Anthropological Archaeology
Lithic Technology
Nonlinear Dynamics in Psychology and the Life Sciences
Scanning: The Journal of Scanning Microscopies
Internet Archaeology

Books:

Oxford University Press
University Press of Florida
Springer (book chapters)

Grant proposals:

National Science Foundation—various programs
2014-2015 Graduate Research Fellowship Program, Biological Anthropology and Archaeology
Review Panel Member

FOREIGN LANGUAGES

Bilingual in Spanish
Reading knowledge of Classical Yucatec Maya
Reading knowledge of Portuguese

REFERENCES

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Dean
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and Natural Sciences
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Flushing, NY 11367
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