

Stephanie R. Simms, Ph.D.
Curriculum Vitae

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EDUCATION

Boston University, Boston, MA

Ph.D. in Archaeology, Jan 2014

Dissertation: “Prehispanic Maya Foodways: Archaeological and Microbotanical Evidence from Escalera al Cielo, Yucatán, Mexico”

University of California, Los Angeles (UCLA), Los Angeles, CA

B.A. in Classical Civilization, *magna cum laude*, Jun 2003

University of Barcelona, Barcelona, Spain

University of California Education Abroad Program, 2002–2003

RESEARCH and PROFESSIONAL EXPERIENCE

Product Manager & Research Data Specialist, California Digital Library, University of California, Oakland, CA, June 2015–Dec 2018. Product manager for the DMPTool (dmptool.org), an open source application codeveloped by an international team that enables researchers to meet funding agency requirements for open data. Certified Scrum Product Owner. Conducted user research and designed new technological approaches to facilitate open and efficient research practices. Provided outreach and training on research data management policy and practice at the 10 University of California campuses and beyond.

CLIR Postdoctoral Fellow, UCLA Library and Center for Digital Humanities, Digital Projects Analyst, Los Angeles, CA, Jul 2014–May 2015. Connected researchers, librarians, IT staff, and students to develop and support digital research projects. Conducted usability testing and developed metadata standards for an archaeological data publication initiative with the Cotsen Institute of Archaeology Press and the Digital Library Program. Assessed data management practices and needs across campus.

Managing Editor, Journal of Field Archaeology, Boston University, Boston, MA, Jan–Jun 2014. Managed the transition to a new online submission system and increased publication schedule (from 4 to 6 issues per year). Developed protocols for the publication of digital images, data, and other supplementary materials. Corresponded with international authors and reviewers throughout manuscript submission, revision, and production.

Editorial Assistant/Journal Fellow, Journal of Field Archaeology, Boston University, Boston, MA, Sept 2008–May 2010 and Sept 2011–Sept 2013. Corresponded with international authors and reviewers throughout the publication process. Collaborated with journal staff to copyedit manuscripts and prepare digital artwork. Managed submissions, databases, and quarterly publication schedule. Compiled annual analytics report of journal impact.

Research Fellow, Smithsonian Institution National Museum of Natural History Archaeobiology Laboratory, Washington, D.C., May 2010–Aug 2011. Conducted independent dissertation research focused on microbotanical residues. Designed research and data management plans; wrote and obtained grants from the National Science Foundation, Smithsonian Institution, and Boston University; coordinated with Mexican and U.S. government agencies to complete research.

Project Manager, Bolonchén Regional Archaeology Project, Yucatán, Mexico, May 2007–Jul 2011. Designed research plan and drafted proposals. Trained and supervised undergraduate students and excavators in field and lab methods. Managed project data, operations, and budget. Wrote final project reports in Spanish.

Project Manager/Teaching Fellow, Boston University, International Programs, Petén, Guatemala, Jan–May 2008. Trained and supervised undergraduate students and excavators in field and lab methods. Designed research plan and managed project data and operations. Assisted with curriculum development and implementation for the semester abroad. Wrote final project reports in Spanish.

Research Fellow, Smithsonian Institution National Museum of Natural History Archaeobiology Laboratory, Washington, D.C., Aug–Dec 2007. Received training in microbotanical methods. Conducted a pilot research project.

Teaching Fellow, Boston University, Department of Archaeology, Boston, MA, Sept 2006–May 2007. Assisted the professor in lecture and lab-based undergraduate courses. Delivered lectures; designed and taught lab exercises. Wrote and graded assignments.

PUBLICATIONS

- in press Ten principles for machine-actionable data management plans. *PLOS Computational Biology* (preprint available on Zenodo <http://doi.org/10.5281/zenodo.1434938>). Co-authored by Tomasz Miksa, Stephanie Simms, Daniel Mitchen, and Sarah Jones.
- 2018 A Landscape Survey of #ActiveDMPs. *International Journal of Digital Curation* 13(1): 204–214. <https://doi.org/10.2218/ijdc.v13i1.629> (Open Access). Co-authored by Stephanie Simms, Sarah Jones, Tomasz Miksa, Daniel Mitchen, Natasha Simons, and Kathryn Unsworth.
- 2018 Support Your Data: A Research Data Management Guide for Researchers. *Research Ideas and Outcomes* 4: e26439. <https://doi.org/10.3897/rio.4.e26439> (Open Access). Co-authored by John A Borghi, Stephen Abrams, Daniella Lowenberg, Stephanie Simms, and John Chodacki.
- 2017 Machine-actionable data management plans (maDMPs). *Research Ideas and Outcomes* 3: e13086. <https://doi.org/10.3897/rio.3.e13086> (Open Access). Co-authored by Stephanie R Simms, Sarah Jones, Daniel Mitchen, and Tomasz Miksa.
- 2017 Next-Generation Data Management Plans: Global, Machine-Actionable, FAIR. *International Journal of Digital Curation* 12(1). <https://doi.org/10.2218/ijdc.v12i1.513> (Open Access). Co-authored by Stephanie R Simms and Sarah Jones.
- 2016 The Future of Data Management Planning: Tools, Policies, and Players. *International Journal of Digital Curation*. Co-authored by Stephanie Simms, Sarah Jones, Marisa Strong, and Marta Ribeiro.
- 2016 Dash: Data Sharing Made Easy at the University of California. *International Journal of Digital Curation* 11(1). <https://doi.org/10.2218/ijdc.v11i1.408> (Open Access). Co-authored by Stephen Abrams, John Kratz, Stephanie Simms, Marisa Strong, and Perry Willett.
- 2015 Entries for: Residue Analysis, Starch; Starches, Role of; Clay Cooking Balls, in Mary Beaudry and Karen Metheny, eds., *The Archaeology of Food: An Encyclopedia*. Rowman & Littlefield.
- 2013 A Prehispanic Maya Pit Oven? Microanalysis of Fired Clay Balls from the Puuc Region, Yucatán, Mexico. *Journal of Archaeological Science* 40: 1144–1157. Co-authored by Stephanie R. Simms, Francesco Berna, and George J. Bey, III.
- 2012 Evidence from Escalera al Cielo: Abandonment of a Terminal Classic Puuc Maya Hill Complex in Yucatán, Mexico. *Journal of Field Archaeology* 37: 270–288. Co-authored by Stephanie R. Simms, Evan Parker, George J. Bey, III, and Tomás Gallareta Negrón.

OTHER RESEARCH PRODUCTS

- 2017 DMP Roadmap: Making Data Management Plans Actionable. National Science Foundation EAGER Grant (Award No 1745675). Zenodo. <http://doi.org/10.5281/zenodo.887371>. Stephanie Simms, Günter Waibel (PI), John Chodacki, and Stephen Abrams.
- 2017 Machine-actionable data management plans. Poster for Research Data Alliance 9th Plenary Meeting, Barcelona, Spain. Zenodo. <http://doi.org/10.5281/zenodo.810119>. Co-authored by Stephanie Simms, Sarah Jones, Daniel Mitchen, and Tomasz Miksa.
- 2017 Machine-actionable data management plans (maDMPs): IDCC17 workshop materials. Zenodo <https://doi.org/10.5281/zenodo.475054>. Co-organized by Stephanie Simms and Sarah Jones.
- 2016 Making data management plans actionable and public. Poster for Research Data Alliance 8th Plenary Meeting, Denver, CO. Zenodo. <http://doi.org/10.5281/zenodo.810105>. Co-authored by Stephanie Simms, Sarah Jones, Kevin Ashley, and Daniel Mitchen.

- 2014 Prehispanic Maya foodways: Archaeological and microbotanical evidence from Escalera al Cielo, Yucatán, Mexico. Dissertation: Boston University Graduate School of Arts and Sciences. Available at OpenBU. <https://hdl.handle.net/2144/14269>.

PRESENTATIONS

- 2018 Data Management Plans 2.0: A Hub of Information to Facilitate Research. Invited presentation for session entitled Towards Networks of Trusted Data Repositories in the Earth and Space Sciences at the American Geophysical Union Annual Fall Meeting 2018, Washington, DC.
- 2018 Kyoto University Research Data Management Workshop I. Workshop coordinator for event at Kyoto University, Japan.
- 2018 University of California, Davis National Center for Sustainable Transportation Data Management Workshop. Invited presentation on US Department of Transportation Public Access Plan requirements for grantees, Davis, CA.
- 2017 Next-Generation Data Management Plans: Global, Machine-Actionable, FAIR. Paper presented with Sarah Jones at the 12th International Digital Curation Conference, Edinburgh, UK.
- 2016 PIDs in DMPs: Spinning Tracks with Syntax. Presented at PIDapalooza, Reykjavik, Iceland. Zenodo. <http://doi.org/10.5281/zenodo.1067919>.
- 2016 Making DMPs Actionable and Public. Presented at the CERN/RDA meeting on Active Data Management Plans, July 2016. Zenodo. <http://doi.org/10.5281/zenodo.1067915>. Co-authored by Kevin Ashley, Sarah Jones, Daniel Mitchen, Stephanie Simms, and Angus Whyte.
- 2016 The Future of Data Management Planning: Tools, Policies, and Players. Paper presented with Sarah Jones at the 11th International Digital Curation Conference, Amsterdam, Netherlands.
- 2015 Training Up and Reaching Out: Library Strategies to Coordinate Research Data Management on Campus, Co-panelist with Morgan Daniels, Ana Van Gulick, Sarah Pickle, and Scout Calvert. Panel presentation at the Digital Library Federation Forum, Vancouver, BC, Canada.
- 2015 Neglected Root Crops of the Prehispanic Maya. Paper presented at the 80th Meeting of the Society of American Archaeology, San Francisco, CA.
- 2013 Actividades culinarias y el abandono de Escalera al Cielo observados a través de su inventario doméstico. Paper presented at the IX Congreso Internacional de Mayistas, Los mayas en el contexto de las culturas americanas, Campeche, Mexico.
- 2013 Ancient Maya Culinary Arts and The Terminal Classic Abandonment of a Residential Hill Complex. Paper presented at the 2013 Maya at the Lago Conference, Davidson, NC.
- 2012 A Prehispanic Maya Pib?: Archaeological Evidence for a New Cooking Technology in the Puuc Region, Co-authored by Stephanie R. Simms, Francesco Berna, and George J. Bey, III. Paper presented at the 77th Meeting of the Society of American Archaeology, Memphis, TN.
- 2011 Stocking the Puuc Maya Kitchen: Prehispanic Culinary Equipment and Cuisine. Paper presented at the Eighth Biennial Graduate Group Symposium, Bryn Mawr, PA.
- 2011 Rooms With a View: The Organization of Domestic Space on a Puuc Maya Hilltop. Paper presented at the 76th Meeting of the Society for American Archaeology, Sacramento, CA.
- 2011 Descending the Stairway to Heaven: The Rapid Abandonment of A Terminal Classic Puuc Hilltop Site, Evan Parker, Stephanie Simms, and George J. Bey, III. Paper presented (by E. Parker) at the 76th Meeting of the Society for American Archaeology, Sacramento, CA.
- 2009 New Views on Prehispanic Maya Foodways from the Bolonchén District of the Puuc Hills, Yucatán. Paper presented at the 74th Meeting of the Society for American Archaeology, Atlanta, GA.
- 2008 Prehispanic Maya Plant Economies: Phytolith Evidence from Kiuic, Yucatán. Paper presented at the 73rd Meeting of the Society for American Archaeology, Vancouver, Canada. Co-author: Dr. George J. Bey, III.

TECHNICAL REPORTS

- Stephanie R. Simms, George J. Bey, III, Evan Parker, and Kenneth E. Seligson
 2011 “Excavaciones Estratigráficas en Escalera al Cielo y Reconocimiento Preliminar en el Cerro Contiguo,” in T. Gallareta Negrón, G. J. Bey, III, and W. M. Ringle, eds., Proyecto Arqueológico Regional de Bolonchén, Temporada de Campo 2011. Informe técnico al Consejo de Arqueología de INAH, 2012, pp. 5-1-5-37.
- Stephanie R. Simms, Kenneth E. Seligson, and George J. Bey, III
 2010 “Excavaciones Estratigráficas en Escalera al Cielo Norte,” in T. Gallareta Negrón, G. J. Bey, III, and W. M. Ringle, eds., Proyecto Arqueológico Regional de Bolonchén, Temporada de Campo 2010. Informe técnico al Consejo de Arqueología de INAH, 2011, 4-1-4-43.
- Stephanie R. Simms and George J. Bey, III
 2009 “Excavaciones Estratigráficas en Escalera al Cielo Norte,” in T. Gallareta Negrón, G. J. Bey, III, and W. M. Ringle, eds., Proyecto Arqueológico Regional de Bolonchén, Temporada de Campo 2009. Informe técnico al Consejo de Arqueología de INAH, 2010, pp. 5-1-5-20.
- George J. Bey, III, Rossana May Ciau, Tomás Gallareta Cervera, and Stephanie R. Simms
 2008 “Restauración Arquitectónica de la Estr. N1050E1065 y Excavaciones Estratigráficas en las Plazas Dzunuz y los Patios A y B del Grupo Yaxché,” in T. Gallareta Negrón, G. J. Bey, III, and W. M. Ringle, eds., Proyecto Arqueológico Regional de Bolonchén, Temporada de Campo 2008. Informe técnico al Consejo de Arqueología de INAH, 2009, pp. 4-1-4-41.
- Stephanie R. Simms
 2008 “SB-3B Excavación de la plataforma preclásica debajo de la Estructura 63, San Bartolo, Petén,” in M. Urquizú and W. Saturno, eds., Proyecto Arqueológico San Bartolo: Informe Preliminar No. 7, séptima temporada 2008. Guatemala: Informe entregado a la Dirección de Patrimonio Cultural y Natural de Guatemala.
- 2008 “Excavaciones preliminares en el sitio de Xultun, Petén,” in M. Urquizú and W. Saturno, eds., Proyecto Arqueológico San Bartolo: Informe Preliminar No. 7, séptima temporada 2008. Guatemala: Informe entregado a la Dirección de Patrimonio Cultural y Natural de Guatemala.
- Michael Storozum and Stephanie R. Simms
 2008 “Investigaciones paleoambientales en la Aguada Hormiguero,” in M. Urquizú and W. Saturno, eds., Proyecto Arqueológico San Bartolo: Informe Preliminar No. 7, séptima temporada 2008. Guatemala: Informe entregado a la Dirección de Patrimonio Cultural y Natural de Guatemala.

SELECTED GRANTS and AWARDS

Research Data Alliance Data Share Fellow, May 2015—Apr 2016
 Smithsonian Tropical Research Institute Short-Term Fellowship, Feb–Apr 2011
 National Science Foundation Doctoral Dissertation Improvement Grant (Award No 1036123), 2010
 Boston University Graduate Research Abroad Fellowship, Fall 2010
 Smithsonian Institution Graduate Fellowship, Fall 2007
 Helen Caldwell Scholarship for Outstanding Graduate in Classics, Spring 2002

TEACHING EXPERIENCE

Teaching Fellow, International Programs and Department of Archaeology, Boston University.
 AR503: Archaeological Field Methods (Spring 2008)
 AR551: Studies in Mesoamerican Archaeology (Spring 2008)
 AR381/802: Introduction to Paleoethnobotany (Fall 2007)
 AR100: Great Discoveries in Archaeology (Fall 2006)

PROFESSIONAL SERVICE

Review Panelist: National Endowment for the Humanities (2016)
 Co-Chair: Research Data Alliance Active Data Management Plans Interest Group (2016–2018)

Committee member: UC Office of Scholarly Communications (2015—2018), DataONE Users Group Steering Committee (2015–2018)

Member: Society for American Archaeology (2005–2015), Association for Public Policy Analysis and Management (2013—2015), American Geophysical Union (2016–2019), American Anthropological Association (2018–2019)

TECHNICAL and LANGUAGE SKILLS

Experienced with publishing software (MS Word, Adobe Creative Suite, LaTeX); Databases (MySQL, MS Excel, Access, FileMaker Pro); Statistics packages (SPSS, R); ArcGIS; Image processing (ENVI); Wordpress; XML/XSLT

English (native); Spanish (fluent); Portuguese (elementary)