# 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

2019    Ten principles for machine-actionable data management plans. PLOS Computational
Biology 15(3): e1006750. https://doi.org/10.1371/journal.pcbi.1006750 (Open Access).
Co-authored by Tomasz Miksa, Stephanie Simms, Daniel Mietchen, 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 Mietchen, 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 Mietchen, 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 Mietchen, 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 Mietchen.

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 Mietchen, 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 Dzunun 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)