Joshua G. Ortiz Baco, PhD.

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EDUCATION

2022   PhD. Iberian and Latin American Literatures and Cultures,
      Department of Spanish and Portuguese, University of Texas at Austin

2016   M.A. Comparative Literature, Universidad de Puerto Rico, Río Piedras

2012   M.A. Hispanic Literatures, Universidad Autónoma de Madrid

2010   B.A. Spanish with minor in Translation and Interpretation, and Certificate
      in Latin American and Caribbean Studies, Florida International University

PROFESSIONAL EXPERIENCE

SCHOLARS' COLLABORATIVE, UNIVERSITY OF TENNESSEE LIBRARIES
Assistant Professor, Digital Scholarship Librarian   **04/2022-Present**
- Adapt work practices to support digital scholarship and digital humanities, broadly defined (e.g., text mining, machine learning, data visualization)
- Work closely with the Humanities Center to offer robust programming and opportunities for faculty and students to engage in digital scholarship
- Collaborate with library colleagues to develop a suite of research services to the campus and be a catalyst and facilitator for the Libraries' digital scholarship activities. Examples may include:
  - Explore and develop the use of library collections as data
  - Support maximizing the use of licensed digital content by university scholars
  - Contribute to development of relevant data and digital scholarship policies
- Consult with researchers at all levels on using digital tools and techniques to enrich their research and provide access to their scholarship
- Provide instruction and training on information visualization and emerging digital scholarship methods
- Coordinate information about digital scholarship and visualization tools and techniques to connect scholars across the disciplines and promote interdisciplinarity
- Actively explore relevant research methods and technologies to keep current with the rapidly evolving discipline
- Serve as PI, co-PI, or grant team member on externally funded projects as approved by library administration and in coordination with other relevant entities
- Participate in liaison responsibilities to include: teaching research and information literacy classes; participating in engagement activities; and providing research consultation
- Serve the library profession through involvement in professional organizations and through cooperative efforts with other information professionals
- Engage in research/scholarship/creative activity through publication, presentation, and other outlets

PUERTO RICO ARCHITECTURAL HERITAGE ARCHIVE
Metadata Librarian **08/2020-Present**
o Liaise with stakeholders and partner institutions to establish project scope and priorities.
o Appraise and select archival material for digitization in collaboration with partner institutions.
o Prepare collection assessments of unprocessed materials and potential priority collections in partner institutions
o Lead strategic planning and design project timeline with partners and PRAHA staff.
o Assist in the drafting of partner agreements.
o Design sustainable workflows and create the project's digital processing manual.
o Research and create project-specific metadata fields and finding-aids.
o Provide metadata curation and consultation on technology stack for PRAHA's digital repository.
o Identify new funding opportunities and assist in drafting grant applications.

DIGITAL STRATEGY DIRECTORATE, LIBRARY OF CONGRESS
Junior Fellow **Summer 2021**
o Supported the Andrew W. Mellon's Connecting Communities Digital Initiatives.
o Compiled reports for past and ongoing internal efforts that seek to address race and representation in collections
o Prepared report of current engagement efforts within the Library and outreach needs of community-led projects using digitized collections.
o Interviewed LoC staff and summarized findings on partnerships between Library staff and small-scale organizations servicing ethnic populations.
o Created internal directory of existing public content related to people of color on the Library's public sites.
o Analyzed and reported the web metrics of collections with significant holdings regarding the history of race in the U.S.
o Researched underutilized digital and analog collections dealing with U.S. ethnic groups.
o Drafted recommendations for increasing participation of ethnic groups at the Library.
o Reviewed and suggested improvements for more accessible language in grant instructions.

NATIONAL ENDOWMENT FOR THE HUMANITIES, DIVISION OF PRESERVATION AND ACCESS
Pathways Summer Intern **Summer 2020**
o Participate in discussion groups for improving accessibility through the language of notices of funding opportunities.
o Attend biweekly informational sessions with program officers to understand the life cycle of a grant application.
o Meet with all the staff from the DPA and staff from other divisions and programs at the NEH.
o Review grant applications and draft text used in funding recommendations.
o Collaborate with staff from the Serials and Government Publications Division of the Library of Congress in increasing access to the *Chronicling America Collection*.
o Lead a metadata enhancement project for the National Digital Newspaper Program focused on remediation of ethnic editors in the records of the *Chronicling America Collection.*
o Create public content promoting the NDNP and *Chronicling America Collection* on social media and the blogs of the Library of Congress and the NEH.
o Analyze social media metrics for the DPA account and design strategies to increase engagement and discoverability.

LLILAS BENSON LATIN AMERICAN STUDIES AND COLLECTIONS
Graduate Research Assistant   2018-2020
o   Supervise and support graduate fellows and undergraduate interns.
o   Provide consultation for digital humanities curricula redesign to faculty and instructors.
    – Provide training on metadata standards and curation.
    – Digitize rare materials.
    – Prepare and lead consultations and workshops on Omeka, Jekyll, WordPress, Dublin Core, Github, ArcGIS, TimelineJS, Python, MALLET, and OCR.
o   Support the development and implementation of grant-funded projects.
o   Create and deposit data from LLILAS Benson's collections in research repositories.
o   Support the Digital Scholarship Coordinator in creating and maintaining digital exhibitions and related programming.
o   Offer campus-wide workshops on open-access platforms and programming languages using special collection materials.
    – "Unstructured Text and RegEx", Perry Castañeda Library Digital Humanities Workshops - 2019
    – "Distant Viewing Images from El Salvador's Civil War", sponsored by the National Endowment for the Humanities, El Museo de la Palabra y la Imagen, and the Institute of Latin American Studies Student Association - 2019
    – "Using APIs to Access Holdings from Galleries, Libraries, Archives, and Museums", co-taught with Adriana Cáserez, MLIS, as part of the Perry Castañeda Library Digital Humanities Workshops – 2018
    – "Topic Modeling Violence in Guatemala", co-taught with Dr. Jennifer Isasi, as part of the Mellon-NEH funded project "Post-Custodial Archival Development and Digital Scholarship: Learning from Latin America" - 2018
    – "Mapping Mexican History: Territories in Dispute, Identities in Question" co-taught with Albert Palacios, University of Texas, El Paso – 2018
    – "Deciphering Spanish Colonialism Collectively", co-taught with Albert Palacios, UT Austin - 2018
o   Support the development and implementation of teaching and research initiatives with Latin American educational and cultural partners.
    – Create and manage Omeka collections, exhibitions, and sites.
    – Curate and clean metadata.
    – Prepare digital tool and method guides in Spanish, English, and Portuguese.
o   Review and translate contracts, external communications, and project management documentation for the Latin American Digital Initiatives unit.
o   Manage the LLILAS Benson Digital Scholarship Lab and provide specialized consultations on digital projects.

OFFICE OF SPONSORED PROJECTS, UNIVERSIDAD DE PUERTO RICO
Graduate Assistant   2015-2016
o   Assist the head grant writer in researching grant programs.
o   Attend and take notes in grant project development meetings.
o   Assist in drafting grant applications for faculty and research groups.
o   Prepare and deliver orientations on national and federal funding opportunities in collaboration with the head grant writer.

DEPARTAMENTO DE LITERATURA COMPARADA, UNIVERSIDAD DE PUERTO RICO
Graduate Research Assistant   **2013-2015**
- o Request and digitize library materials for undergraduate courses.
- o Lead research and scholarly style guide workshops.
- o Prepare bibliographies of archival sources for faculty.

DIGITAL SCHOLARSHIP TRAINING

2022   *Tidy Data for Humanists.* Dream Lab, Price Lab and Penn Libraries, University of Pennsylvania

2022   *Programming for Humanists.* Digital Humanities Summer Institute 2022

2021   *Race, Social Justice, and Digital Humanities.* Digital Humanities Summer Institute 2021

2021   *Meaningful Text Analysis with Word Embeddings.* Digital Humanities Summer Institute 2021

2021   *Network Analysis with Gephi.* Do More with Digital Scholarship Workshop Series, Lewis & Ruth Sherman Centre for Digital Scholarship and the McMaster University Library

2021   *Engaging the Digital: Incorporating Public-Facing Digital Projects into the Curriculum,* US Latino Digital Humanities Center and Recovering the US Hispanic Literary Heritage

2020   *Exploring the Atlas of Digitised Newspapers and Metadata Workshop.* The Atlas Mapping the Histories and Data of Digitised Newspaper Collections Around the World, part of the Oceanic Exchanges Project

2020   *Data Visualization with Tableau.* Do More with Digital Scholarship Workshop Series, Lewis & Ruth Sherman Centre for Digital Scholarship and the McMaster University Library

2019   *Multilingual Sentiment Analysis Workshop,* University of Texas Libraries' Digital Humanities Workshops @ PCL Series

2018   *Justice-Based Practices for Archives and Critical Digital Humanities,* LLILAS Benson Digital Humanities Workshop Series

LANGUAGES AND DIGITAL SKILLS

Spanish (native), English (native), and Portuguese (intermediate proficiency).

Intermediate Python and BASH for data cleaning, analysis, and visualization, front-end web development (HTML, CSS, Jekyll), metadata standards (Dublin Core, MODS, MARC 21), content management systems (Islandora, Drupal, GitHub, WordPress), digital exhibition platforms (ArcGIS, Knight Lab story tools, Omeka S and Classic), OCR (Abbyy and Tesseract), encoding schemes (TEI XML), and transcription software (Aletheia, FromThePage, Zooniverse).

AWARDS

2020-2021   Graduate School Thematic Diversity Dissertation Fellowship,
College of Liberal Arts, UT Austin.

2020-2021   *Unearthing Brazilian, Cuban, and Puerto Rican Abolitionism in 19th
Century US Press,* Grant-in-Aid, Andrew W. Mellon Foundation and U.S. Latino
Digital Humanities Program, University of Houston

2018   Foreign Language Area Studies Summer Fellowship, Rio de Janeiro,
Brazil

2016, 2020   Fath Recruitment Fellowship, Department of Spanish and Portuguese, UT
Austin.

PUBLICATIONS AND CONFERENCES

Peer Reviewed Publications:

2022   Ortiz Baco, Joshua G. Lee, B.C.G., Salter, S. H., and Casey, J. "Towards an
Experimental Bibliography of Hemispheric Reconstruction Newspapers", *Criticism:
A Quarterly for Literature and the Arts* (65) (Forthcoming).

2021   Lee, Benjamin Charles Germain, Salter, S. H., Casey, J., Ortiz Baco, J.G. "Navigating
the Mise-en-Page: Interpretive Machine Learning Approaches
to the Visual Layouts of Multi-Ethnic Periodicals", *Proceedings of the
Computing Humanities Research Conference 2021*. Co-authored with Dr. Sarah Salter,
Benjamin Lee, and Dr. Jim Casey.

2020   Ortiz Baco, Joshua G. "Introducción a ImagePlot y la visualización de metadatos de
colecciones de Imágenes", *The Programming Historian en Español 4*

Public Humanities:

2021   "Sparking the Datamagination: 2021 Digital Strategy Summer Intern
Design Sprint part II", *The Signal,* Library of Congress, co-authored with
Maria Capecchi and Abigail Tick

2021   "Unearthing Brazilian, Cuban, and Puerto Rican Abolitionism in 19th
Century US Press", U.S. Latino Digital Humanities Center, Recovering the
US Hispanic Literary Heritage University of Houston,
https://youtu.be/6pCi0tjRv6Y

2020   "Reimagining Searching in *Chronicling America*", *Division of
Preservation and Access Blog*, National Endowment for the Humanities
https://www.neh.gov/blog/reimagining-searching-chronicling-america

2020   "Title Essays, Linked Data, and the Ethnic Press in *Chronicling America*", *Division of Preservation and Access Blog*, National Endowment for the Humanities https://www.neh.gov/blog/title-essays-linked-data-and-ethnic-press-chronicling-america

Book Review:

2020   "Review of *The Price for their Pound of Flesh, the Value of the Enslaved, from Womb to Grave, in the Building of a Nation*", Daina Ramey Berry, *E3W Review of Books*, Spring 2020, vol. 20.

2019   "Review of *New Digital Worlds, Postcolonial Digital Humanities in Theory, Praxis, and Pedagogy"*, Roopika Risam, *E3W Review of Books,* Spring 2019, vol. 19.

Invited Talks:

2021   "Computational Periodical Studies in the Multiethnic Press", sponsored by the Honors Program Speaker Series, Texas A&M-Corpus Christi.

2020   "Title Essays and the Ethnic Press in *Chronicling America*", presented as part of the panel discussion "Seeing Editors: Metadata, Machine Learning, and the Shapes of Social Justice", sponsored by the National Digital Newspaper Program, National Endowment for the Humanities, and the Library of Congress.

2020   "Programming Historian: trabajo multilingüe e implicaciones disciplinarias en las humanidades digitales", 1era Jornada de Humanidades Digitais, Laboratório em Rede de Humanidades Digitais - LARHUD, Instituto Brasileiro de Informação em Ciência e Tecnologia.

Conference papers:

2022   "A Computational Periodicals Unconference: Exploring New Opportunities for Critical and Collaborative Inquiry", co-organized with Dr. Jim Casey, Dr. Sarah Salter, and Benjamin Charles Germain Lee, DH Unbound 2022. Sponsored by the Association for Computers and the Humanities and Canadian Society for Digital Humanities.

2021   "Visualizing Abolition in 19th Century U.S. Immigrant Press", Digital Humanities Summer Institute Conference and Colloquium, University of Victoria, Canada.

2019   "Digital Pedagogy and Methodology to Connect Diverse Communities", Digital Frontiers, UT Austin.

2019   "La lógica del empeño en la reescritura del imaginario nacional en 'La mucama de Omiculné'", XXXVII Congreso Internacional de la Asociación de Estudios Latinoamericanos, Latin American Studies Association.

2019	"Cuerpos empeñados y presentes precarios en la literatura de Rita Indiana", XXXVII Congreso Internacional de la Asociación de Estudios Latinoamericanos, Latin American Studies Association, Special section organizer and chair.
2018	"Los abolicionismos de expatriados en *O Novo Mundo* y *El Mundo Nuevo/ La América Ilustrada*", XXXVI Congreso Internacional de la Asociación de Estudios Latinoamericanos, Latin American Studies Association.

PROFESSIONAL MEMBERSHIPS

o   Advisory Board Member - Research Society for American Periodicals
o   Member - Seminar on the Acquisition of Latin American Library Materials
o   Editor - *Programming Historian en español*
o   Member - Red de Humanidades Digitales