

# James Sobczak

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**Date:** July 28, 2019

## Personal Information

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<b>Office Address</b>	1300 Memorial Drive 347A Coral Gables, Florida 33124	<b>Home Address</b>	3184 SW 27th Ave 1 Miami, Florida 33133
<b>Title</b>	STEM Librarian	<b>Citizenship</b>	United States of America
<b>Academic Rank</b>	Librarian Assistant Professor		
<b>Department</b>	Learning & Research Services		

## Education

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<b>2016 - 2018</b>	<b>Master of Library and Information Science</b> University of Washington   Seattle, Washington
<b>2009 - 2012</b>	<b>Master of Architecture</b> Yale University   New Haven, Connecticut <ul style="list-style-type: none"><li>▪ King-lui Wu Scholarship Recipient</li><li>▪ Advanced Studios: Grafton Architects (2011), BIG (2012)</li></ul>
<b>2003 - 2007</b>	<b>Bachelor of Science in Architecture</b> University of Michigan   Ann Arbor, Michigan <ul style="list-style-type: none"><li>▪ Guido and Elizabeth Binda Scholarship Recipient</li><li>▪ Study Abroad: Tezuka Architects (2007)</li></ul>

## Certifications

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<b>2018 - 2020</b>	<b>GPRO Instructor: Operations &amp; Maintenance Essentials</b> Urban Green Council (UGC)
<b>In Progress</b>	<b>Architect License - Florida</b> National Council of Architectural Registration Boards (NCARB) <ul style="list-style-type: none"><li>▪ National Architectural Accrediting Board (NAAB) accredited degree: Complete</li><li>▪ Architectural Experience Program (AXP): Complete (10020 Hours)</li></ul>

## Employment

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### (Academic)

<b>Oct 2018 - Present</b>	<b>STEM Librarian, Assistant Professor</b> University of Miami   Otto G. Richter Library
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**Sept 2016 - Aug 2018 Digital Imaging Assistant II**  
University of Washington | School of Art + Art History + Design

- managed and worked on large 35mm slide digitization and cataloging projects
- created and edited digital images via copy stand photography
- assisted faculty and students with image research, presentation preparation, and classroom technology troubleshooting

**Sept 2009 - May 2012 Technology and Printing Monitor**  
Yale University | School of Architecture

- assisted students with digital equipment and technology troubleshooting
- conducted 3D-printing technology demonstrations and software tutorials
- maintained and serviced 3D printers, CNC laser cutters, large-format plotters

## **(Non-Academic)**

**Nov 2012 - Aug 2016 Intern Architect**  
LMN Architects | Seattle, Washington

- 2016 AIA Architecture Firm Award Recipient
- worked on all phases of project delivery (schematic design, design development, construction documentation, and construction management) for several different building types (including convention centers, higher education facilities, performance arts centers, and transportation projects)
- acted as new-hire sponsor to welcome and onboard new interns and employees
- led software technology and model making skills instruction sessions

**July 2012 - Nov 2012 Intern Architect**  
Duda|Paine Architects | Durham, North Carolina

- worked on schematic design and design development for high-rise, commercial towers

**Nov 2007 - June 2009 Intern Architect**  
Ben Hansen Architect | New York, New York

- worked on all phases of project delivery (schematic design, design development, construction documentation, and construction management) for high-end residential construction and adaptive reuse projects

## **Publications**

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### **(Gray Literature)**

**In Progress** J. Sobczak, D. Joubert, and E. Blackwood, “.STL file data curation primer,” Data Curation Network, 2019. [Technical Report]

**2018** J. Carlin, A. Meeks, A. Michelson, J. Sobczak, S. M. Robinson, A. Vincent, and L. How, “Art, architecture, and design information competencies,” ch. Architecture, ARLIS/NA Research and Information Services Section, 2018. [White Paper]. Retrieval from: [www.arlisna.org/images/researchreports/ARLISNAartarchdesigninfocomp2018.pdf](http://www.arlisna.org/images/researchreports/ARLISNAartarchdesigninfocomp2018.pdf)

### **(Miscellaneous)**

**2019** P. Suraneni, E. Andiroglu, K. Sealy, D. Kelly, R. Molina, J. Lamere, B. G. Lynn, and J. Sobczak, “Next generation coastal structures facing rising seas,” 2019. [Web Blog, Map, 3D Videos, & 3D Models]. Retrieval from: <https://coastalstructures.blogspot.com/>

**2012** “Patricia young collection of southeast asian religious art and architecture,,” University of Washington, 2018. [35mm Slide Photography Database]. Retrieval from: <https://digitalcollections.lib.washington.edu/digital/collection/p16786coll17/search/>

- 2012** J. Sobczak, "Architects in film and television database," 2012. [Database]. Retrievable from: <http://jamessobczak.info/?/Research/architects-media/>

## Grants

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- 2018 - 2019** Visual Resources Association (VRA) Foundation Project Grant, \$3,000
- In support of the *The Patricia Young Collection of Southeast Asian Religious Art and Architecture* for ongoing digitization, cataloging, and processing efforts.

## Presentations

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- 2019** J. Sobczak, "3D Printing Collections as Information: Library Policy, Copyright, and Institutions", Current Status of 3D Printing on Campus - Applications in Academic Technologies, Architecture, Art, Constructions, Health and Manufacturing, (Miami, Florida), SEEDS Program, February 2019.
- 2018** J. Sobczak, "The Patricia Young Collection of Southeast Asian Religious Art and Architecture", University of Washington iSchool Capstone, (Seattle Washington), May 2018. [White Paper]. Retrievable from: [https://ischool.uw.edu/sites/default/files/capstone/2018/3218/CapstonePoster\\_JamesSobczak\\_Final.pdf](https://ischool.uw.edu/sites/default/files/capstone/2018/3218/CapstonePoster_JamesSobczak_Final.pdf).
- J. Sobczak, "Visual Media and Identity: Architects in Film and Television", AASL Annual Meeting, (Denver, Colorado), March 2018. [Poster]. Retrievable from: <https://drive.google.com/file/d/1aF2X2gl1b8f1k9tMVopFDRnvA5nLhU-S/view>.
- L. Wainer & J. Sobczak, "Interdepartmental Collaborations to Improve Access to Collections: The Patricia Young Collection of Southeast Asian Religious Art and Architecture", ARLIS/NA Annual Conference, (New York, New York), March 2018.

## Bibliography

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- 2015** D. Durst and B. Ingles, *Social infrastructure : New York*. Edward P. Bass Distinguished Visiting Architecture Fellowship (Series); 8, New Haven, Connecticut: Yale School of Architecture, 2015. [Studio Project, Co-Designers: S. Surface and C. Woehrle, "Structure and Accrual," p. 127-144, 181].
- 2011** "Urban studio - providence, rhode island," in *Retrospecta* (E. Mitchell and B. Mendis, eds.), vol. 2010-2011, New Haven, Connecticut: Yale School of Architecture, 2011. [Studio Project, Co-Designer: Nicky Chang, "Providence Inlet," p. 29].
- "Spaces of violence," in *Retrospecta* (M. El Kadi, ed.), vol. 2010-2011, New Haven, Connecticut: Yale School of Architecture, 2011. [Research Project, "Spaces of Simulated Violence: the Evolution of O.U. & M.O.U.T. Complexs," p. 91].
- 2010** "First year studio - tobacco warehouse," in *Retrospecta* (J. Leung and B. Pell, eds.), vol. 2009-2010, New Haven, Connecticut: Yale School of Architecture, 2010. [Studio Project, "Performance Arts Center," Section 1, p. 9].
- "First year studio - cohabitation," in *Retrospecta* (P. de Bretteville and A. Organschi, eds.), vol. 2009-2010, New Haven, Connecticut: Yale School of Architecture, 2010. [Studio Project, "Project," Section 2, p. 3].

## Professional Involvement

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- 2016 - Present** Association of Architecture School Librarians (AASL)  
2019-2021 - Executive Board Member | Secretary (elected position)  
2019-2020 - Conference Planning Committee Member  
2016-2018 - Student Member
- Awarded Student Travel Award for the 2017 & 2018 Annual Conferences
- 2016 - Present** American Library Association (ALA) &  
Association of College and Research Libraries (ACRL) Division  
2016-2018 - Regular Member  
2016-2018 - Student Member
- 2017 - 2018** Art Libraries Society of North America (ARLIS/NA)  
2017-2018 - Student Member
- 2017 - 2018** Art Library Students & New ARLIS Professionals (ArLiSNAP) | University of Washington  
2017-2018, Chapter Co-chair  
2016-2017, Member
- coordinate and plan events, tours, and workshops for both residential and online students at the University of Washington's iSchool
  - write and submit organization's yearly budget and funding requests
- 2003 - 2007** American Institute of Architecture Students (AIAS) | University of Michigan  
2005-2007 - Technology and Skills Coordinator  
2003-2005 - Member

## Professional Development

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- 2019** Research Data Access Preservation Association (RDAP) - Summit  
University of Miami | Miami, Florida
- 2019** Data Curation Network (DCN) - Curator Workshop  
Johns Hopkins University | Baltimore, Maryland
- 2019** Expert Finder Systems - National Forum  
Orlando, Florida

## Teaching

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### University of Miami

- 2018 - Present** Mix, Mingle, and Learn Workshop Series for Faculty and Teaching Assistants  
College of Engineering
- topics included: Open Access (OA) & Open Educational Resources (OER), Graphic Design Principles for Academic Posters and Presentations, Introduction to Adobe Creative Software

### Yale University

- 2012** Religion and Modern Architecture  
Teaching Fellowship  
Instructor: Dr. Karla Britton
- architectural history and theory seminar focusing on the influence of religion in contemporary civic life and modern architecture

- 2011** Architectural Design Studio I  
Teaching Fellowship  
Primary Instructor: Dr. Eeva-Liisa Pelkonen

  - first of four core design studios introducing the complexity of architectural design by engaging problems that are limited in scale but rich in experiential, social, formal, conceptual, and material concerns
  
- 2011** Visualization III  
Teaching Fellowship  
Primary Instructors: Ben Pell & John Eberhart

  - an introduction to the key relationships that exist among methods of drawing, physical materials, technologies of construction, and three-dimensional form making
  
- 2010** Computation and Fabrication  
Teaching Fellowship  
Primary Instructor: John Eberhart

  - applies emerging computational theories and technologies to the study and practice of architecture - includes various static, parametric, and scripted modeling paradigms, computational-based structural and sustainability analysis, and digital fabrication technologies

## Service

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### (Academic)

#### University of Miami

- 2019 - Present** Orientation Committee  
Member
  
- 2019 - Present** Library Research Scholars Program  
Mentor
  
- 2018 - Present** U-LINK (University of Miami Laboratory for INtegrative Knowledge) Initiative  
Liaison Librarian

  - Team: Next Generation Coastal Structures Facing Rising Seas
  
- 2018 - Present** Search/Review Committees  
Member

  - Data Scientist Search | University of Miami Libraries
  - Instructional Designer Search | Office of Learning Innovation & Faculty Engagement
  
- 2018 - Present** UM Makerspaces Committee  
Member
  
- 2019** Banned Books Week - Planning Committee  
Member
  
- 2019** Faculty Research Commons - Working Committee  
Member
  
- 2019** Platform for Excellent Teaching and Learning (PETAL) - Working Group  
Member
  
- 2018** Teaching and Learning Innovation in STEAM (TALIS) Day - Planning Committee  
Member

## Yale University

**2010 - 2012** Haas Arts Library Committee  
Student Liaison (Architecture)  
▪ advised on library acquisitions, maintenance, and student issues

**2009 - 2012** Studio Lottery Committee  
Member  
▪ coordinated studio lottery for graduate architecture students

## (Non-Academic)

**2014** Seattle Design Festival  
Design Rumble Event Facilitator  
▪ coordinated groups of designers in large group brainstorming sessions

**2011** Red Feather Development Group  
Construction Crew Member  
▪ participated in month-long construction of a straw bale house on the Northern  
Cheyenne Reservation in Lame Deer, Montana

## Skills

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### Software / Technology

Operating Systems:	Windows, macOS, Linux (Ubuntu)
Relational Databases:	FileMaker Pro, MySQL
Integrated Library Systems:	Alma (Primo), Koha
Reference Managers:	Zotero, Mendeley, RefWorks, EndNote
Content Management Systems:	LibGuides, SubjectsPlus, Wordpress, MDID3, Omeka, CONTENTdm
Data Structure Standards:	MARC 21, MODS, METS, PREMIS, Dublin Core, LCSH
Controlled Vocabularies:	Getty Vocabularies (AAT, CONA, TGN, ULAN)
Productivity:	Microsoft Office (Outlook, Word, Excel, PowerPoint), Google Docs, OpenRefine, Smartsheets
Programming Languages:	R (RStudio), Python, Grasshopper, Processing, Javascript (D3.js), Visual Basic for Applications
Markup Languages:	HTML5 (CSS), XML, L <sup>A</sup> T <sub>E</sub> X
Learning Management Systems:	Canvas, Blackboard
Data Visualization   Analysis:	PowerBI, Tableau
Team Communications:	Microsoft Teams, Slack
3D Modeling:	AutoCAD, Rhinoceros, 3D Studio Max, Maya, Revit, SketchUp, MeshLab, Blender
Computer Manufacturing:	MasterCAM, MadCAM, PowerMILL, Cura
Environmental:	Ecotect, Weathertool
Geographic Information:	ArcGIS, StoryMaps
Image Production:	Adobe Photoshop, Adobe Illustrator, Adobe InDesign
Video Production:	Adobe Premiere Pro, Adobe After Effects

### Fabrication

Rapid Prototyping 3D Printers, CNC Mills, Waterjet Cutters, Laser Cutters,  
Basic Woodworking Metalworking