

# **NVivo Databases and Beyond in the Humanities**

Dr. Kathryn Desplanque, Assistant Professor, UNC Chapel Hill





## **Presented by**

Stacy has combined her educational and research experience with her work in the software industry and is delighted to be supporting and building a wider research community. Stacy earned a doctorate in education using NVivo for both her literature review and qualitative research. She has worked at Lumivero, previously QSR International, for 10 years, and is excited about the future of research.



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### DR. KATHRYN DESPLANQUE

Assistant Professor, UNC Chapel Hill





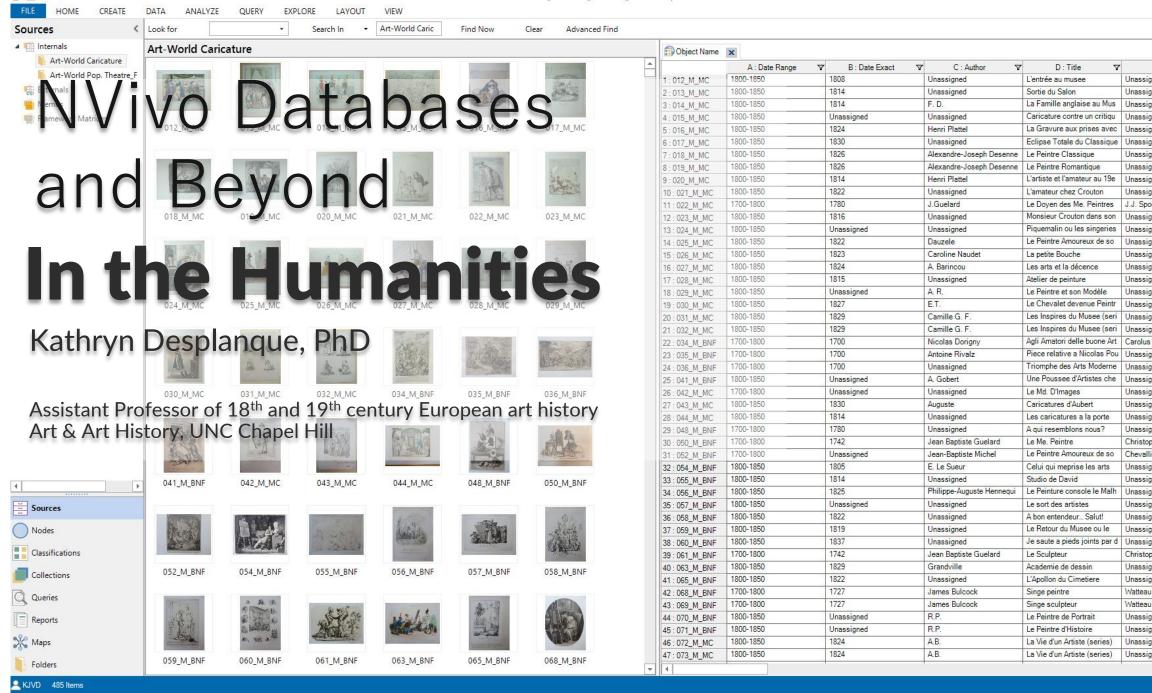
### Presenter

Kathryn Desplanque, PhD, is a mixed Black multigenerational immigrant living in the U.S. She is UNC Chapel Hill's assistant professor of 18th and 19th century European art history and visual culture. A Digital Humanist, Kathryn has been using NVivo to store a database of 532 satirical images of artistic life in Paris published between 1750 and 1850.





69 □ /5· =





### To Do:

My Research Project

- •Types of images examined
- •Theoretical/methodological goals

Why did I turn to QDA software?

- •Challenges of studying images in high volume
- •Needs for an advanced image database tool

How do I use NVivo for Image Analysis and Research?

•Direct and indirect role in my research output

Tour through my NVivo Project

- •Relating images to bibliographic metadata
- •Coding ("tagging"/annotating) images
- Exploring my findings
- Querying metadata

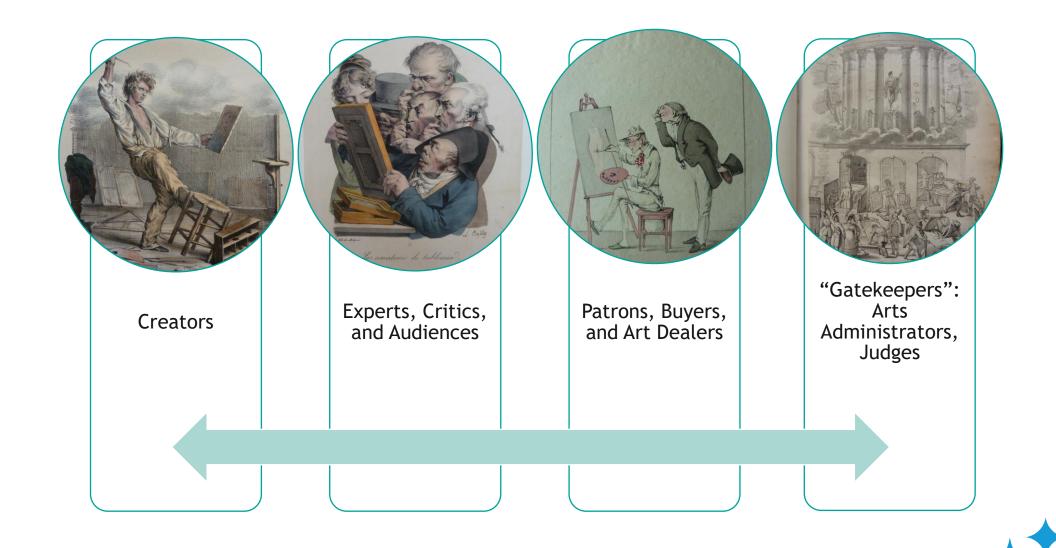
Beyond...

•Overview of ArtIA Project at UNC Chapel Hill





### Art, Commerce, and Caricature: Satirical Images of Artistic Life in Paris, 1750-1850





"Fieldworkers know that complaints are especially good data about organizational activity."

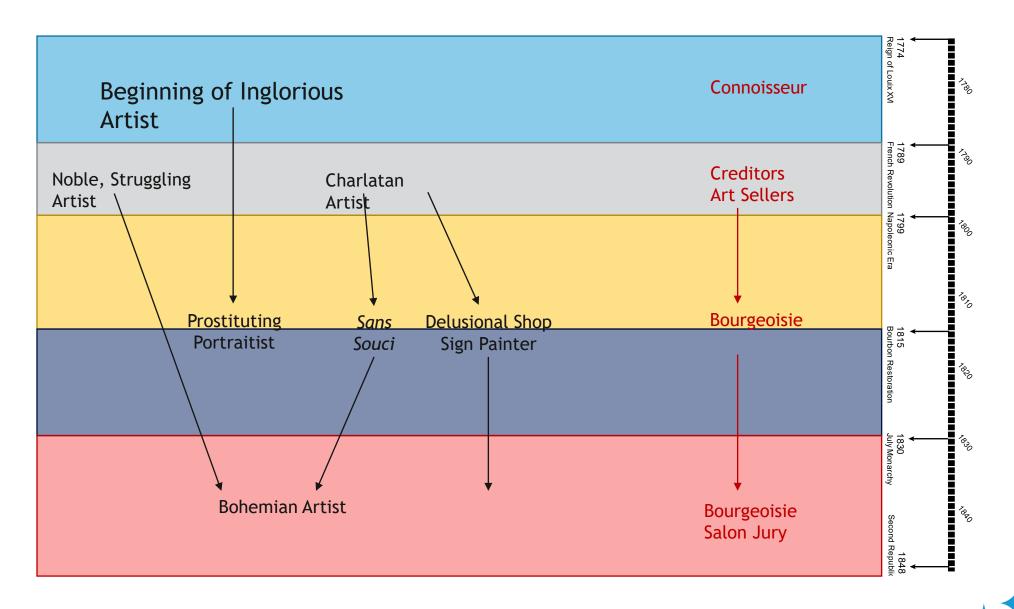
- Howard S. Becker, Art Worlds. 2<sup>nd</sup> ed. 2008: xv.

"When we speak of a *field* of position-takings, we are insisting that what can be constituted as a *system* for the sake of analysis is not the product of a coherence-seeking intention or an objective consensus (even if it presupposes unconscious agreement on common principles) but the product and prize of a permanent conflict..."

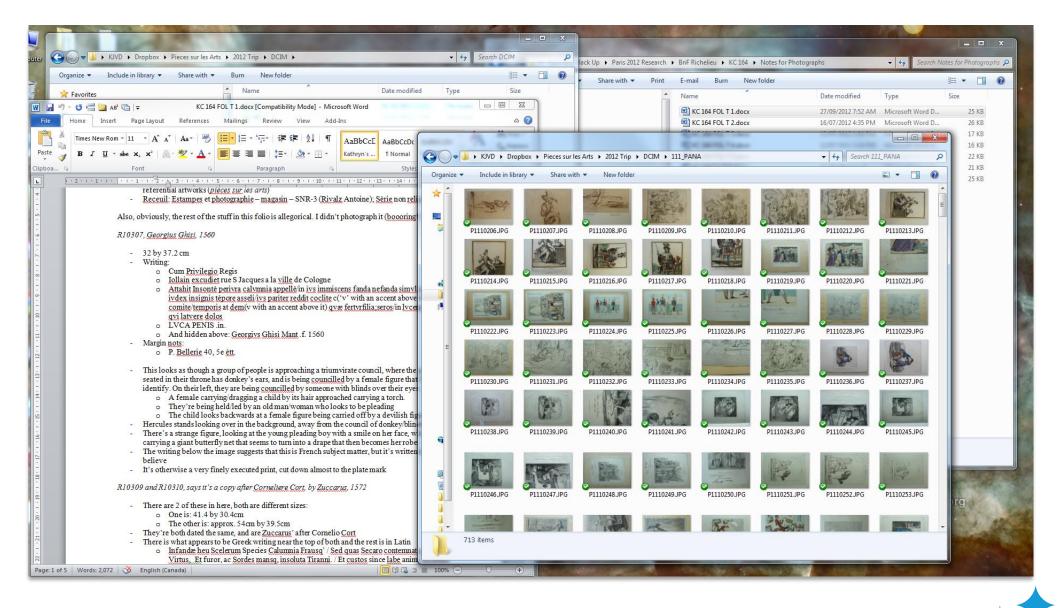
- Pierre Bourdieu, "The Field of Cultural Production," in *The Field of Cultural Production*. 1993:34













### **Photographs**

- Full satirical image
- Details of satirical images

### Bibliographic Info

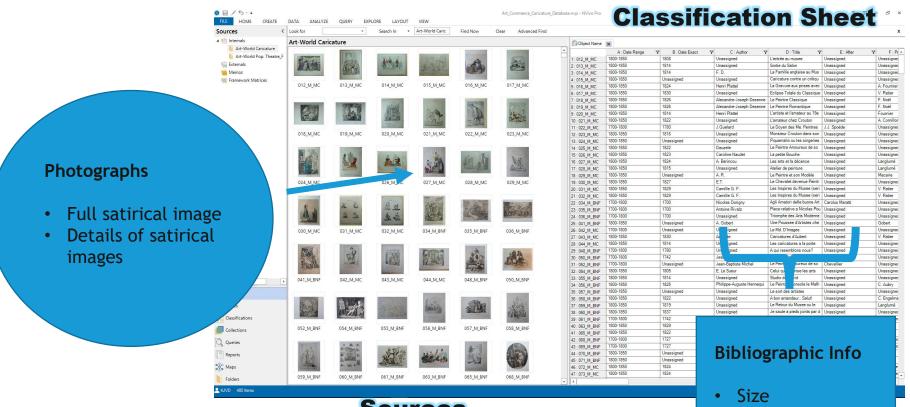
- Size
- Medium
- Artist
- Engraver
- Publisher
- Call number

#### **Annotations**

- Patterns I was noticing
- Deciphering iconography
- Deciphering "joke"



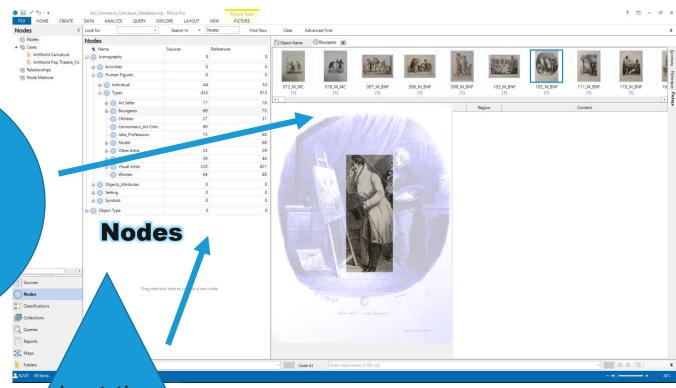




#### Sources

- Medium
- Artist
- Engraver
- Publisher
- Call number





#### **Annotations**

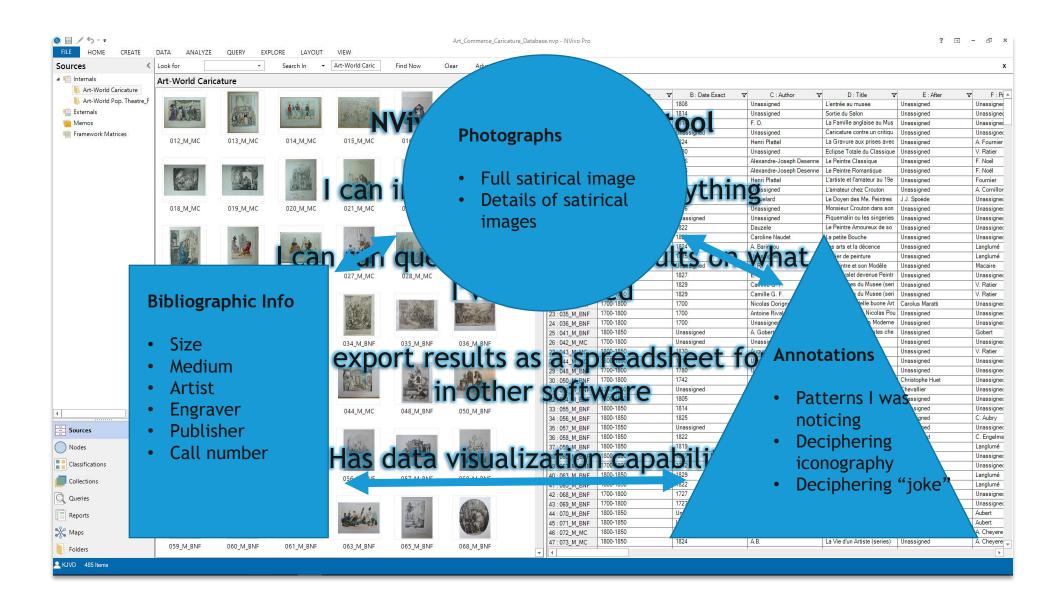
**Photographs** 

images

• Full satirical image

Details of satirical

- Patterns I was noticing
- Deciphering iconography
- Deciphering "joke"

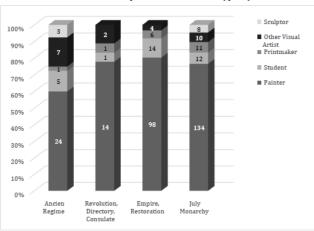


another, although only two instances of architects were present and have thus been excluded from the Table 3.4, below. Painters were the most frequently represented visual artists in art-world caricature relative to other types of visual artists for each period, and sculptors were the least frequently represented. It is also interesting to note that in the Empire, Restoration, and July Monarchy, the relative presence of print makers gradually increased. As we discussed in Chapter 1 and will explore further in Chapter 5, this relative spike in the presence of the print trades in art-world caricature paralleled the growing popularity and viability of illustration as an alternative to fine arts production within Paris' art world.

The art student became an increasingly popular figure in the satirical representation of Paris' artistic milieu in the Empire and Restoration. They provided publishers an opportunity to inject titillating and romantic subject matter into their representations of the artist by pairing dashing young men or libidinous elderly ones as drawing tutors with beautiful young women. Younger male children are often pictured as well, where they serve to mock the rapid rise in the number of aspiring artists by satirizing those parents who mistakenly believed that the artistic profession could secure their children's futures. In this satirical imagery, parents repeatedly misidentify their children's doodles as the first portents of genius. In this way, images such as Edmé Jean Pigal's Voici l'auteur knowingly mock the growing popularity of Renaissance artist's miraculous origin stories (fig. 3.22), such as the origin story of Giotto, who, as Vasari recounts, was discovered doodling as a child by Cimabue.66



Table 3.4. Relative Proportion of Visual Artist Types by Period.



In keeping with our exploration of the studio as an increasingly important site for artistic sociability in the early nineteenth century, July Monarchy representations of the artist's studio were preoccupied with studio charivari. They painted a portrait of an overcrowded and unsupervised space where indolent and raucous young men played pranks. For instance, in Hippolyte Bellangé's 1832 Charge d'Atelier, young artists are packed into a room where they have been drawing from the nude model, whom they have sent to welcome a new addition to the studio (fig. 3.23). Meanwhile, they have prepared a multistage hazing ritual for this new student: before he can recover from his surprise at the naked man who greets him, he will have a bucket of water poured over his head and an enema sprayed at him. Jean Pierre Moynet's (1819-76) 1843 image in his series La Vie d'Artiste depicted a later phase in the initiation ritual of young artists, where the studio

<sup>&</sup>lt;sup>66</sup> As Thierry Laugée reveals, this, and other Renaissance origin stories, were frequently the subject of re-publication, fictionalization, and anecdotal painting in the early nineteenth century. See Laugée, Figures du génie dans l'art français (1802-1855), 51–89, esp. 77-89.



# To the Database!





# Beyond...

### ArtIA

HICIH

We will illustrate effective data sharing, using Findability, Accessibility, Interoperability, and Reusability principles, in the Digital Humanities with a public database. We will enhance analysis tools for images of art using automated segmentation analysis of curated and new images and facilitating semantic segmentation of all images. And finally, we will demonstrate the expansion and use of controlled vocabularies and ontologies in Art History by engaging with experts in ontologies and Art History.





# Beyond...

### **ArtIA**

WI CIW

Cross-reference my coding terms with library standards for cataloging images (Getty and Library of Congress)

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Archive data by uploading images and metadata to Carolina Digital Repository

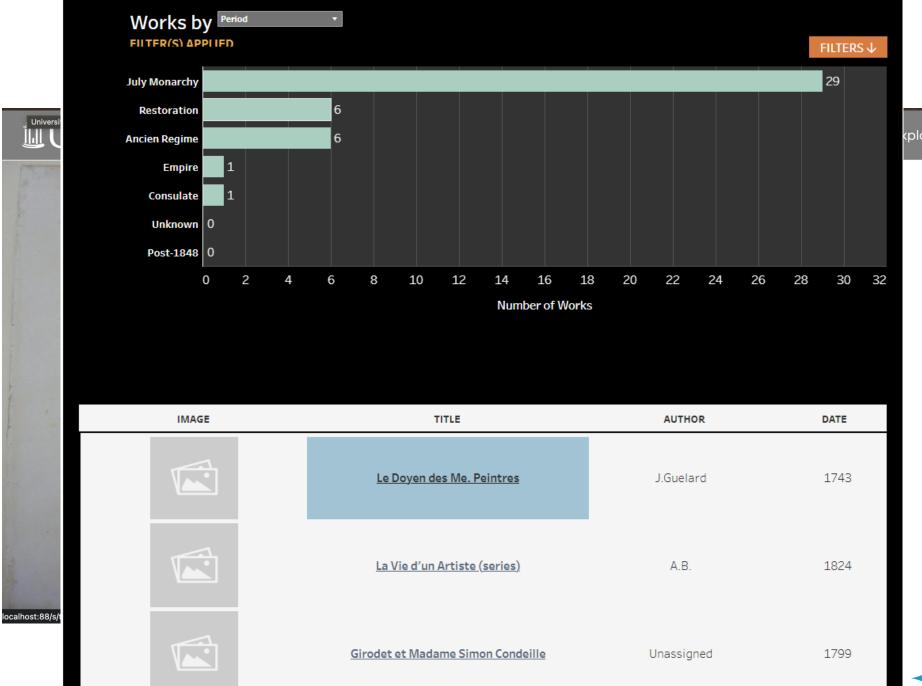
Create web accessible database of images with interactive data visualizations

Experiment with image segmentation and AI to see if coding can be applied by ChatGPT

Learn how to make that coding usable through an export and upload into software like Nyivo

> steps for ethical application







kplore





### Renaissance Computing Institute (RENCI)

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 15
 16
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 28
 29
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 30
```

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NVivo Survey:

