#### The History of Knowledge is Sociomaterial



Third, the history of knowledge is a "sociomaterial" one, entangled in the order and disorder of daily life. By focusing on the material, the essays shine light on the women and men, the families and communities who used and manipulated paper. By making paper visible, the volume denaturalizes the social in practices of knowledge production. They analyze the complex worlds in which paper circulates as sets of relationships structured by power and difference. And, they observe how paper moves through the hands of historical actors, producing knowledge as they relate to one another in ways deemed feminine or masculine.



O5 "Casket of Knowledge." Mrs. L. Miles, Phrenology and the Moral Influence of Phrenology: Arranged on 40 Cards (London: Ackermann and Co., 1835), UCLA Library Special Collections, BF870.P577.

Gabriella Szalay makes these negotiations evident through the paper trials of the protestant pastor Jacob Christian Schäffer and his failed attempts to mass produce paper with home-grown substances such as pine cones, poplar wool, or wasps'nests. In her narrative, eighteenth-century governance, natural history, experimentation and artisanal expertise coalesced in a potent mix, in which multiple notions of masculinity were equally at stake. In Carla Bittel's piece, practitioners and consumers of phrenology in Antebellum America used paper charts

and cards to assess but also negotiate their own degrees of femininity and masculinity as a way of knowing themselves. Altogether, the articles in *Working with Paper* invite readers to enter a universe beyond the page, where paper and gender co-constitute the ways we know. The objects of study (papers and paper stuff) and the methodology (gender analysis) form the grid through which we see knowledge practices unfold in multiple and continual negotiations of power. Such a new perspective emphasizes how knowledge production is inextricable from the order and disorder of the quotidian in which epistemic work is carried out.

#### **ABOUT THE AUTHORS**

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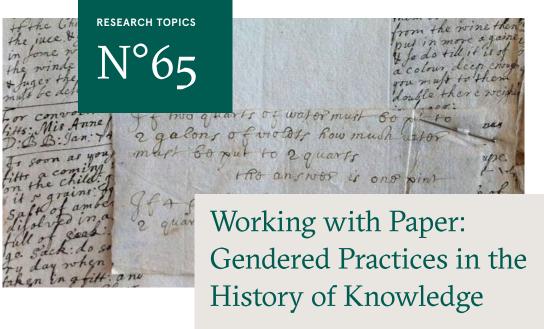
Front page: Detail of page taken from the recipe book of Margaret

Boscawen (d. 1688) and Bridget Fortescue (1666–1708). Devon Heritage

Centre. 1262M/0/FC6.

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by Carla Bittel, Elaine Leong, and Christine von Oertzen NOVEMBER 2019

It all began with lunch and three colleagues talking about notebooks. As paper technologies, they noted, notebooks had certainly been recognized by historians as vital instruments for knowledge making. But what about gender and paper practices, and the gendering of "paper work?" From the household to the laboratory, whose hands inscribed, carried, folded, twisted, pinned, and shuffled these materials? And how did the materiality of paper intersect with gender identities and gendered bodies? The trio concluded that much more could be said and understood about knowledge, paper, and the gendered worlds that made them. The result was the formation of the Working Group, "Working with Paper: Gendered Practices in the History of Knowledge," and now a book of the same name, published in June 2019 by the University of Pittsburgh Press.

"Ridiculous Taste or the Ladies Absurdity" (London, 1771). Trustees of the OZ (left) Burning curls with French brown paper. Matthew Darly (printer),





## Paper Objects Transcend Boundaries

knowing with paper has to offer.

that a history of working and

doing full justice to the riches

the multilayered conjunctions of paper,

production, the case studies uncover

practices and workflows of knowledge

the tools made from it—into quotidian

foundling house. By following paper—and

fight the horrific death rates of Madrid's

of a panoptical paper system set up to

attached to the waists of babies as part

names and other crucial information

century parchment slips inscribed with

Elena Serrano situates eighteenthhomes visited during their fieldwork and the "laboratory" space at the research institute.22 postwar population research enabled researchers to bridge the spaces between the science... Dan Bouk shows how questionnaires used to gather data and the tools to model became a medium for "physiological feminism" in the early days of American posture how translucent tracing paper, intended for map-making and mechanical engineering, particular paper object as a three-dimensional tool and technology. Beth Linker examines communities, the work, and the people engaging with them. Each contribution takes a Second, the book demonstrates that paper objects transcend boundaries and shape epistemic

British Museum.



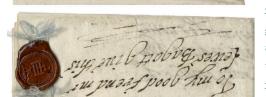
Collections (subject file Orthopedic Department), Boston, MA. Hospital Massachusetts General Photograph

# Working with Paper Constitutes What We Know

be sometimes imperceptible. In doing so, it makes three claims about paper, knowledge, and gender. was enmeshed with social conceptions of femininity and masculinity, similarly so pervasive as to knowledge. The book demonstrates that paper, so ubiquitous that it was often taken for granted, workshops, which led to the final product, a volume that breaks new ground in the history of institute from September to December 2016. They participated in a conference and two authors' came from universities across Europe and the US, and spent four months in residence at the new perspective on how working with paper constitutes what we know. The group's members As part of the Gender Studies of Science Project within Department II, the group developed a

## Paper Matters beyond the Page

page. Elaine Leong considers early modern recipes and reveals how householders, men and women,<sup>21</sup> illustrates how careful folding and sealing of letters mattered as much as what was inscribed on the and an object. The book's chapters consider a wide range of paper materials and objects. Heather Wolfe practices of a few. In myriad ways, paper matters beyond the page: as a material, a writing substrate, First, the universe of paper and knowledge goes much beyond reading and writing, and the learned





Folger Shakespeare Library, Washington, DC, MS La.852/La.19. letter signed from Lady Jane Ashley to Walter Bagot, circa 1609. pleated letter secured with pink silk embroidery floss: autograph c. 1610, and detail from a full-page image of the blank panel of a with a wax seal. Autograph letter from Jane Skipwith to Lewis Bagot, Above: Pleated letter secured with light blue embroidery floss,

uses of bamboo paper in late Imperial China. practices by reflecting on the production and Western spectrum of paper materials and his afterword, Jacob Eyferth expands this reading and learning from printed books. In paste to molding shapes to making labels to practices beyond the page, from mixing paper volume reveals, "paper work" involved multiple workers who assembled the models. As the students, but also edify and reform the models served to educate not just medical demonstrates how paper maché anatomical housewives in their parlors. Anna Maerker throughout Berlin, and were sorted by of sturdy census cards as they circulated Christine von Oertzen shows the true weight French brown paper was used to curl hair. the eighteenth-century household where uncovers the multiple uses of paper in sorting, and pinning together. Simon Werrett codified medical knowledge through inscribing,