

---

# MARY MARK OCKERBLOOM

---



celebration.women@gmail.com



215-248-1248  
215-605-9466

MARY MARK OCKERBLOOM  
130 NIPPON ST  
PHILADELPHIA, PA, 19119



**WIKIPEDIA**

[https://en.wikipedia.org/wiki/User:Mary\\_Mark\\_Ockerbloom](https://en.wikipedia.org/wiki/User:Mary_Mark_Ockerbloom)

**A CELEBRATION OF WOMEN  
WRITERS**

<https://digital.library.upenn.edu/women/>

---

## EXPERIENCE

---

**WIKIMEDIA CONSULTANT,  
VIZCAYA MUSEUM AND GARDENS, MIAMI, FL  
MAY-JULY 2024**

As a consultant for Vizcaya Museum and Gardens, I developed a [Wikipedia Workbook for Cultural Institutions](#) (2024) to help Wikipedians, Wikimedians in Residence and others assess opportunities for institutional engagement with Wikipedia and related projects. The workbook introduces Wikipedia, Wikimedia Commons, Wikidata, logic models and metrics, institutional workflows, and the use of tools like the Wikidata Query Service, inteGraality and OpenRefine. The workbook gives an overview of key projects, describes what you can and cannot do, and indicates resources for learning more.

CONTACT: Jeff Guin ([Jeffery.Guin@vizcaya.org](mailto:Jeffery.Guin@vizcaya.org))

**WIKIPEDIAN-IN-RESIDENCE,  
ANNUAL REVIEWS, SAN MATEO, CA  
MAY 2021 – DECEMBER 2023**

As the Wikipedian-in-Residence at science publisher Annual Reviews, I helped to keep science current on Wikipedia using high-quality open-content published sources. I created 60 new articles and added over a million words and 12,700 references to Wikipedia and Wikidata. Areas that I focused on included scientific disinformation and disinformation attacks, climate, sustainability, and women scientists.

CONTACT: Liz Allen ([lallen@annualreviews.org](mailto:lallen@annualreviews.org))



**WIKIPEDIAN-IN-RESIDENCE,  
SCIENCE HISTORY INSTITUTE, PHILADELPHIA, PA  
MAY 2013 – JUNE 2020**

As the Wikipedian-in-Residence at the Science History Institute I increased the availability and quality of information about science and the history of science. I created and edited articles on Wikipedia and items on Wikidata; identified images from the Science History Institute's archives, library, museum, and events for release on Wikimedia Commons; and helped people at the Institute and elsewhere to better

---

## SELECTED ACADEMIC PUBLICATIONS

---

Mark Ockerbloom, Mary. "Alice Hamilton, Confronting the Dangers of Lead". In Lykknes, Annette; Van Tiggelen, Brigitte (eds.). *Women in Their Element: Selected Women's Contributions to the Periodic System*. Singapore: World Scientific, 2019, pp. 468-477.

Mark Ockerbloom, Mary. "Reatha Clark King, Starting Fires with Fluorine". In Lykknes, Annette; Van Tiggelen, Brigitte (eds.). *Women in Their Element: Selected Women's Contributions to the Periodic System*. Singapore: World Scientific, 2019, pp. 441-453.

Mark Ockerbloom, Mary & Mark Ockerbloom, John. "Women Writers and On-Line Books." In Still, Julie (ed.) *Creating Web Accessible Databases: Case Studies for Libraries, Museums and Other Non-Profits*, pp. 40-52. Medford, N.J.: Information Today, 2001.

Mark, M. A., & Koedinger, K. R. "Strategic Support of Algebraic Expression-Writing." *Proceedings of the Seventh International Conference on User Modeling*. Banff, Alberta, Canada, June 20-24, 1999.

Mark, M. A., Koedinger, K. R., & Hadley, W. H. "Elaborating Models of Algebraic Expression-Writing." In

---

understand and engage with Wikipedia projects. In 2017, 2018 and 2019 I was one of the 300 most active Wikipedia editors working on topics of interest to WikiProject Medicine.

At Science History, I determined the copyright status of images for release based on considerations such as expiration of copyright, non-renewal, federal licensing, institutional ownership and collections agreements. 71.3% of the 1,481 images I released from the Institute to Commons appeared on Wikipedia or Wikidata pages as of June 2020.



I organized two ongoing monthly events to foster collaboration between digital humanities and Wikipedia editors: Glam Café (2013-2016), and the Philadelphia WikiSalon (2017-2020). In the 2019-2020 fiscal year, I worked with 214 attendees at Wikipedia events.

I worked with Institute staff to establish new workflows, develop logic models, and identify objectives and metrics for tracking engagement with Wikipedia projects. Wikipedia ranked 5<sup>th</sup> in FY2020 as a source of referrals to the Institute's digital collections, with 2,402 sessions accounting for 3.5% of all referrals. In addition, Wikipedia accounted for 5.2% of traffic to *Distillations*, the Institute's magazine. *Distillations* articles received 36,997 pageviews via Wikipedia in FY2020. Visitors from Wikipedia were more likely to stay on the website, to visit more pages, and to spend more time per page than the average visitor.

CONTACT: Clay Cansler ([ccansler@sciencehistory.org](mailto:ccansler@sciencehistory.org))

## HEAD CORPUS LIBRARIAN, WORDNIK.COM

2008-2011

At Wordnik.com my goal was to build a broad-ranging corpus of sentences illustrating English language usage for the Wordnik dictionary. I outlined the company's initial sentence metadata specifications, found and harvested online data sources, and extracted metadata. Data sources included online books, government and legal records, oral history archives, movie scripts, song lyrics, poetry, and blogs. I tested Wordnik software and provided feedback on its usability.

CONTACT: Erin McKean, Wordnik Founder ([erin@dressaday.com](mailto:erin@dressaday.com))

---

Goettl, B. P., Half, H. M., Redfield, C. L., & Shute, V. J. (Eds.) *Intelligent Tutoring Systems, Proceedings of the Fourth International Conference* (San Antonio, Texas, August 16-19, 1998). *Lecture Notes in Computer Science*, 1998, Volume 1452/1998, 524-533. Berlin: Springer-Verlag.

Koedinger, K.R., Anderson, J. R., Hadley, W. H. & Mark, M.A. "Intelligent tutoring goes to school in the big city." *International Journal of Artificial Intelligence in Education* (Special Issue of AI-ED 95 best papers), 1997, 8, 30-43.

Mark, M.A. & Greer, J.E. "The VCR tutor: Effective instruction for device operation." *Journal of the Learning Sciences*, 1995, 4(2), 209-246.

Mark, M.A. & Greer, J.E. "Evaluation methodologies for intelligent tutoring systems." *Journal of Artificial Intelligence in Education* (Special Issue on Evaluation), 1993, 4 (2/3), 129-153. [one of the top 20 most referenced papers of the *International Journal of Artificial Intelligence and Education*]

Mark, M.A. & Greer, J.E. "Methods for intelligent tutoring system evaluation." *Proceedings of the East West Conference on Emerging Computer Technologies in Education*, 6-9 April 1992, Moscow, Russia. ICSTI: Moscow, Russia, 1992. [1 of 5 ITS Best Paper Awards]

---

### **RESEARCH PROGRAMMER, CARNEGIE MELLON UNIVERSITY**

1992-1998

I was the primary research programmer for the Grade Nine Algebra Word Problem Tutor at Carnegie Mellon University. I worked with curriculum designer and teacher Bill Hadley to implement an artificial-intelligence-based tutoring system which we tested and evaluated in the Pittsburgh Public School system. It was purchased by the Apollo Group.

CONTACT: John Anderson ([ja+@cmu.edu](mailto:ja+@cmu.edu)) Carnegie-Mellon University;  
Ken Koedinger ([koedinger@cmu.edu](mailto:koedinger@cmu.edu)) Carnegie-Mellon University

---

### **VOLUNTEER EXPERIENCE OR LEADERSHIP**

---

#### **PHILADELPHIA WIKISALON ONLINE**

2020 – Present

During the pandemic, Doreva Belfiore and I created a monthly online event where Wikipedia editors cs meet and learn new skills. Our short 10-15 minute how-to demonstrations are released on Commons.

#### **A CELEBRATION OF WOMEN WRITERS**

1994 – Present

I created the database and website "A Celebration of Women Writers" to consolidate the all-too-often ignored work of women writers from all times, countries, and genres. I have also created digital editions of over 425 books by women, working both independently and with volunteers.

---

### **EDUCATION**

---

#### **MASTER OF SCIENCE COMPUTATIONAL SCIENCE, 1991**

University of Saskatchewan, Saskatoon, Saskatchewan, CANADA

#### **BACHELOR OF ARTS, HIGH HONOURS PSYCHOLOGY, 1984**

University of Saskatchewan, Saskatoon, Saskatchewan, CANADA

