



## *The Rise of AI: Implications and Applications of Artificial Intelligence in Academic Libraries*

Hervieux, Sandy and Amanda Wheatley, eds. *Chicago: Association of College and Research Libraries*, 2022. 220p. ISBN 9780838939116. \$80.00 (softcover).

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more tenuous employment in a senior management capacity and remain agile to seek another opportunity if a situation deteriorates beyond repair. This advice applies to all librarians and reflects an employment market that de-prioritizes institutional loyalty and longevity.

The final chapter, “Do You Want to Be a Director?”, asks the reader pointed questions, and is designed to assess whether one wants to pursue a director role. The author makes clear that this role is not for everyone. The skills needed for effective leadership and management are often different from those required of a librarian. Throughout the book, Curzon stresses the need for a director to set the example by leading in an ethical manner, being consistent, taking responsibility, treating others with respect, and giving employees credit when the library experiences a success.

*What Every Library Director Should Know* is an invaluable reference for directors, managers, and those who desire management positions in libraries. Regrettably, the book does not include references or suggested follow-up reading, although an index is provided. While not targeted at health science librarians, the concepts are widely applicable in all libraries. Highly recommended for those interested in becoming a library director or serving in a library management position.

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Since ChatGPT launched in November of 2022, artificial intelligence (AI) and its wide-ranging capabilities has captured the world's attention. From industry to higher education, AI is poised to significantly impact job performance in almost every sector. Librarians need to be ahead of the curve in understanding generative AI to successfully

serve their campus communities; however, they might already be more prepared than they realize.

Edited by Sandy Hervieux and Amanda Wheatley, *The Rise of AI* is arranged in three parts: User Services, Collections and Discovery, and Toward Future Applications. In their introduction, the editors write that “Some academic librarians might say they lack a foundational knowledge of AI or that they are ill-equipped to speak on the subject, and yet they have likely been interacting with AI throughout the different types of software applications they support. At the very least, they have encountered and mastered the art of the search algorithm.” (p. x)



This book provides frameworks that health sciences librarians will find useful for hosting events, creating workshops, and encouraging library engagement around AI concepts. No expert knowledge of neural networks or cognitive computing is required. In fact, many of the programs or projects presented in this book had their genesis in interdepartmental collaborations. In chapter 4, librarians at Ryerson University saw the need for collaboration with other campus units and established their library as the center of that collaboration where 3-D printers and VR headsets were already available. After this, they branched out to include AI services, like facilitating an AI journal club and hosting visiting scholars with computing expertise. The first section of this book contains an abundance of inspiration for outreach and instruction librarians on how to create and maintain an AI educational program.

Part two explores the application of AI to automate metadata tasks and ways to enhance discoverability with AI tools. Digitization managers and special collections catalogers are aware of the substantial backlogs they face, and chapters 7 through 12 contain thoughtful, AI assisted approaches to alleviating the issue. The final section examines future possibilities and ethical implications that AI-assisted work may present when users do not have access to the information on which a particular tool is trained.

Despite being published before the release of OpenAI’s ChatGPT and therefore lacking specific guidance on some of the newer AI tools, this book offers an introduction to a surprising variety of other tools currently in use, which readers may find better-suited for library science work. *The Rise of AI* is a helpful, well-presented guide for librarians ready to delve into using machine learning tools in their libraries.

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