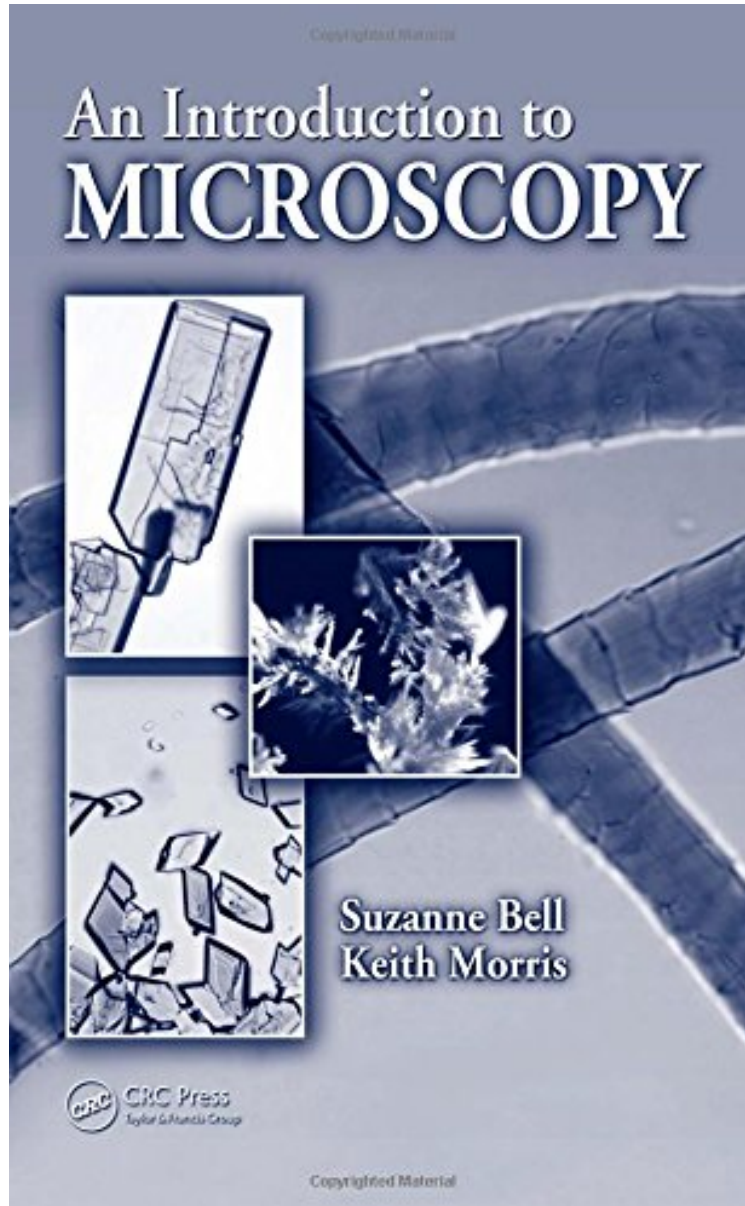


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## An Introduction to Microscopy

*Suzanne Bell, Keith Morris*

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**Suzanne Bell, Keith Morris : An Introduction to Microscopy** before purchasing it in order to gauge whether or not it would be worth my time, and all praised An Introduction to Microscopy:

Microscopy, which has served as a fundamental scientific technique for centuries, remains an invaluable tool in chemistry, biology, healthcare, and forensics. Increasingly, it is being integrated into modern chemical instrumentation and is of value as a powerful analytical tool across many scientific disciplines. Designed to serve as a primary resource for undergraduate or graduate students, *An Introduction to Microscopy* helps students master the foundational principles of microscopy. Intentionally concise, this text does not attempt to cover all aspects of all types of microscopy such as polarizing light and fluorescence. Instead, the authors intent is to provide students with the basic knowledge necessary to explore and understand these more advanced techniques. The authors draw from their own extensive backgrounds in forensic identification to explain the methods and ways in which microscopy shapes every investigation. All nine chapters include questions and most include simple exercises related to the material covered. Numerous figures and photographs supplement the text and explain the procedures and principles introduced. A glossary is included as well as a convenient list of abbreviations, and references to more in-depth readings. Offers a Fundamental Approach for Students in all Fields The material assumes basic mathematics skill through algebra and a basic knowledge of fundamental chemistry and physics (essential for understanding optics). Although the authors used the high-quality microscopes found in their laboratories to produce the images found in the book, the information and methods can be applied to any type of microscope to which students have access. Understanding the fundamentals of microscopy provides students with a relevant and marketable skill that can be readily applied in many fields, even if the students have not had significant academic training in the subject. Furthermore, by understanding various aspects of microscopy, students will begin to understand the science behind other related areas, such as spectroscopy, optics, and any number of applications involving analytical instrumentation.

*An Introduction to Microscopy* provides a much needed, focused volume that is justifiably offered as a text for academic courses or a stand-alone reference for professionals ... . Despite the authors backgrounds in forensic science, the volume is not specifically written as a forensic text, making the content applicable to any field that utilizes a microscope. ... Chapter 6, Photomicrography, is a must read for anyone that uses digital imaging for research or forensic case reports. ... colleges and universities would benefit in adding *An Introduction to Microscopy* to their microscopy courses or any laboratory section of a course that utilizes the microscope. The organization of the book allows for the reader to flow from one chapter to the next, constantly building upon the previous chapters subject matter. This easy to read, well-illustrated volume with practical exercises throughout the text would be a worthwhile addition to the libraries of practitioners in the forensic sciences. -- Christian Crowder,1 Ph.D., D-ABFA, Forensic Anthropologist, Department of Pathology, Office of Chief Medical Examiner, New York City, NY, writing in the *Journal of Forensic Sciences*, September 2010, Vol. 55, No. 5  
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