research methods for the biosciences

Scientific research is the ultimate tool in pushing forward the limit of our understanding. But, as with any tool, research is only powerful if used properly, and to its full effect.

Research Methods for the Biosciences demystifies the process of research to equip every biosciences student with the skills they need to get the most out of their investigations. Research isn't solely about experimental design; the book leads the student through all the factors that, together, enable effective research. These include planning your experiment; data collection, analysis, interpretation, and reporting; and legal, ethical, and health & safety considerations.

Research is about engagement with the subject. With this in mind, *Research Methods for the Biosciences* includes a fully integrated Online Resource Centre, which motivates the student to fully consider the factors covered in the book, fostering understanding through active learning.

Research Methods for the Biosciences brings together as a coherent whole the knowledge and skills required of every good researcher, making it the essential resource for any biosciences student.

- Places emphasis on active learning, with questions throughout the text, and complementary tasks online, reinforcing essential concepts through the hands-on practice of key skills.
- Fully integrated text and online components allow ultimate flexibility of use, to support lectures, computer labs, or self-directed learning.
- Broad coverage demonstrates the many issues surrounding research in the biosciences, to get students to think like researchers.

online resource centre

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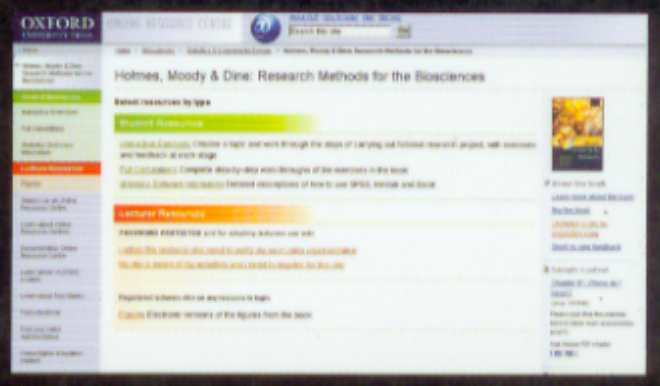

A fully interactive Online Resource Centre is an integral part of *Research Methods for the Biosciences.* It features:

- Figures from the book available to download, to facilitate lecture preparation
- A totally flexible teaching and learning package, keyed directly to the text, featuring:
  - Fully expanded calculations from the book, showing every step in every calculation
  - All calculations from the book, presented using Excel ®, Minitab ®, and SPSS ®
  - Interactive tasks, with step-by-step suggested answers, to give the student the opportunity to apply for themselves the concepts presented in the book

The teaching and learning package is also available as one complete virtual learning environment (VLE)-compatible file, for full integration into any virtual learning environment/course management software system.

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