

Investigating Biology Laboratory Manual, Ninth Edition

BY JUDITH GILES MORGAN AND M. ELOISE BROWN CARTER

Experience science in your biology laboratory.

With its distinctive approach to learning, this best-selling laboratory manual engages you in the scientific process through directed and student-designed investigations in biology. You are invited to pose hypotheses, make predictions, design experiments, collect data, and apply the results to new problems. The Ninth Edition includes revisions that reflect advances in current research and the latest models for phylogenetic relationships of plants, invertebrates, fungi and protists.

NEW FEATURES

The 28 lab topics are supported by all the information you need to promote scientific inquiry.

New features of the Ninth Edition include:

- New and revised full-color art and photos enhance dissections, illustrate biological diversity and phylogenetic relationships, and demonstrate procedures and experimental design.
- Tables and improved methodologies promote high quality results, ease of use, and safety. For example, Lab Topic 10, Molecular Biology, now includes a new system to visualize gels using SYBR® Safe and blue light illumination.
- Lab Topic 17, The Kingdom Fungi, has been revised and expanded to include additional life cycles and investigations.
- A new exercise exploring the sheep brain expands coverage of the nervous system in Lab Topic 24, Vertebrate Anatomy III.
- New Investigative Extensions and Applying Your Knowledge questions enrich opportunities for you to extend your research in the laboratory and through scientific literature.
- Appendix A: Scientific Writing and Communication has been updated with new resources for how to read and summarize scientific literature and reduce plagiarism, and provides tips for preparing and presenting oral papers and posters.

Please visit us at www.pearsonhighered.com for more information. To order any of our products, contact our customer service department at (800) 824-7799, or (201) 767-5021 outside of the U.S., or visit your campus bookstore.

www.pearsonhighered.com

ISBN-13: 978-0-13-447346-8
ISBN-10: 0-13-447346-9

