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Nota di contenuto	Teaching Lab Science Courses Online: Resources for Best Practices, Tools, and Technology; Contents; Preface; Acknowledgments; About the Authors; 1. Why Teach Science Online?; 2. Teaching Science: Online Versus Face to Face; 3. Specific Tools and Software for Teaching Online Science; 4. Online Science Lab Options: Pros, Cons, and Effectiveness; 5. The Art of Teaching an Online Science Course; 6. Promoting Academic Integrity in Online Science Courses; 7. The Art of Incorporating Online Lab Assignments; 8. The Evidence Supporting Off-Campus Science Labs; 9. Online Teaching Advice from the Pros 10. The Tipping Point for Online Science Is Now!Appendix: A Case Study from Start to Finish: The Why and How of Placing Microbiology Completely Online at Ocean County College: Dr. James Brown; References; Index
Sommario/riassunto	Teaching Lab Science Courses Online is a practical resource for educators developing and teaching fully online lab science courses. First, it provides guidance for using learning management systems and other web 2.0 technologies such as video presentations, discussion boards, Google apps, Skype, video/web conferencing, and social media

networking. Moreover, it offers advice for giving students the hands-on "wet laboratory" experience they need to learn science effectively, including the implications of implementing various lab experiences such as computer simulations, kitchen labs, and
