

Scientific Teaching

By Jo Handelsman, Sarah Miller, Christine Pfund



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Seasoned classroom veterans, pre-tenured faculty, and neophyte teaching assistants alike will find this book invaluable.

HHMI Professor Jo Handelsman and her colleagues at the Wisconsin Program for Scientific Teaching (WPST) have distilled key findings from education, learning, and cognitive psychology and translated them into six chapters of digestible research points and practical classroom examples. The recommendations have been tried and tested in the National Academies Summer Institute on Undergraduate Education in Biology and through the WPST.

Scientific Teaching is not a prescription for better teaching. Rather, it encourages the reader to approach teaching in a way that captures the spirit and rigor of scientific research and to contribute to transforming how students learn science.



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Scientific Teaching By Jo Handelsman, Sarah Miller, Christine Pfund Bibliography

Sales Rank: #584658 in Books
Brand: Brand: W. H. Freeman
Published on: 2006-12-15
Original language: English

• Number of items: 1

• Dimensions: 9.59" h x .54" w x 7.23" l, 1.15 pounds

• Binding: Hardcover

• 208 pages





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