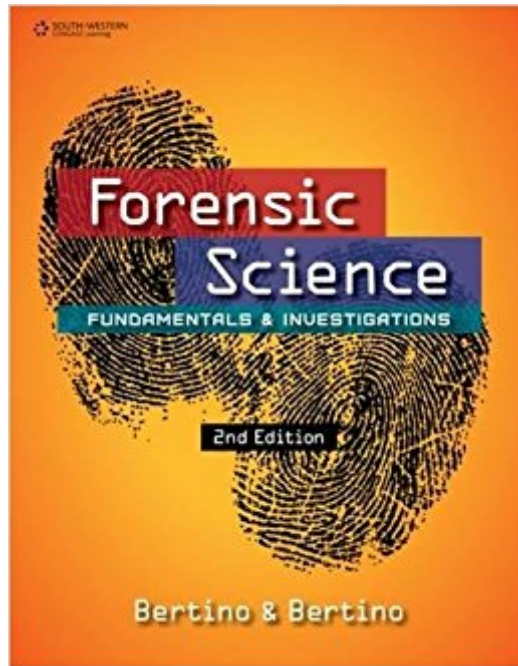




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# Forensic Science: Fundamentals And Investigations



## Synopsis

With today's popular television programs about criminal justice and crime scene investigation and the surge of detective movies and books, students often have a passion for exploring forensic science. Now you can guide that excitement into a profitable learning experience with the help of the innovative, new **FORENSIC SCIENCE: FUNDAMENTALS AND INVESTIGATIONS, 2E**. This dynamic, visually powerful text has been carefully crafted to ensure solid scientific content and an approach that delivers precisely what you need for your high school course. Now an established best-seller, **FORENSIC SCIENCE: FUNDAMENTALS AND INVESTIGATIONS, 2E** offers a truly experiential approach that engages students in active learning and emphasizes the application of integrated science in your course. Student materials combine math, chemistry, biology, physics, and earth science with content aligned to the National Science Education Standards, clearly identified by icons. This book balances extensive scientific concepts with hands-on classroom and lab activities, readings, intriguing case studies, and chapter-opening scenarios. The book's exclusive Gale Forensic Science eCollection database provides instant access to hundreds of journals and Internet resources that spark the interest of today's high school students. The new edition includes one new chapter on entomology and new capstone projects that integrate the concepts learned throughout the text. Comprehensive, time-saving teacher support and lab activities deliver exactly what you need to ensure that students receive a solid, integrated science education that keeps readers at all learning levels enthused about science. **FORENSIC SCIENCE: FUNDAMENTALS AND INVESTIGATIONS, 2E** sets the standard in high school forensic science . . . case closed.

## Book Information

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## Customer Reviews

"Bertino's Forensic Science textbook encourages students to solve scientific problems, use mathematics appropriately, engage in scientific questioning, plan and implement appropriate data collection strategies and perform data analysis. Student will develop the abilities to think critically, creatively, and analytically through interesting, real world case studies. The content and laboratory activities resonate with my students as we dive into investigations together. The "aha" moments are countless!" "This is the only Forensics textbook I have encountered that is targeted specifically for high school students. Of all the textbooks in my classroom this is the one we actually use most. The lab activities are very engaging and the text is well researched and highly readable."

Mr. Anthony J. Bertino has taught biology for more than thirty-nine years, having a special interest in forensics. Since 1975, he has had a wide range of teaching and professional experiences related to science education. He taught at Canandaigua Academy (in New York) for thirty-four years before retiring in 2001. Currently a clinical supervisor responsible for supervising student teachers with the University of Albany Graduate School of Education in New York, Mr. Bertino also teaches AP Biology at College Board Summer Institutes. He has received many awards and honors. He has written articles for THE SCIENCE TEACHER and has created many activities related to crime scene investigation. Bertino teaches Forensic Science teacher preparation seminars, AP Summer Institutes, and is a frequent national and state workshop presenter. His professional affiliations have included NABT, NSTA, Director of the Outstanding Biology Teachers Award for New York State, STANYS, CTA, NYSUT, NEA, United University Professors, Rochester Alliance Promoting Science, and the New York State Regional Biology mentor network. Patricia Nolan Bertino received a BA in Biology Secondary Science from Oneonta State College in 1972 and a MS in Science Education from Union College in 1977. Patricia taught high school biology, health, biotechnology and forensic science and was the ski club coordinator/ advisor at Scotia-Glenville High School, Scotia, NY. After thirty four years in the classroom, Patricia and her husband Anthony (Bud) Bertino co-authored Forensic Science: Fundamentals and Investigations (2008) textbook for high school students. Patricia and her husband remain very active in teacher education through presentations at many national and state science teachers' conferences. For the past ten years, they have organized and taught the Bertino Summer Forensic Institute for Teachers. In addition to teaching high school,

Patricia's experience includes: Editor AP Biology CDs ( NeoSci ) and Biology Review Book The Living Environment; Presenter for Howard Hughes Medical Institute from 1995-2013; Developer for curriculum on immunology and HIV for CIBT (Cornell Institute for Biology Teachers); Co-taught AP Biology summer institutes with Anthony Bertino; Subject area representative in biology for Science Teachers Association in New York State (STANYS) for the Eastern Division; Publications include articles in The Forensic Teacher and STANYS Bulletin; Professional affiliations with NABT, NSTA, STANYS, CIBT, NYSUT, NEA; Past honors and distinctions include recipient of NABT (National Association of Biology Teachers) Outstanding NABT Teacher Award for New York State and a Tandy Scholarship.

I love forensics and this textbook is very helpful for the introduction into forensic science. My class used these textbooks and I decided to buy my own because I loved it! The fingerprint chapter was my favorite.

Helpful for school!

Exactly what I needed for my class and in very great shape

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