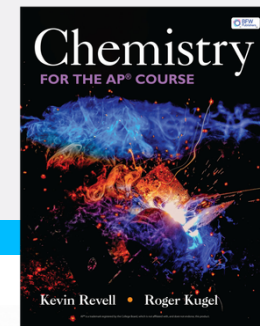


Chemistry for the AP[®] Course

Contributors



Susan Biggs, Contributor

Sue taught chemistry at the secondary level for 43 years, most recently at Westborough and Northampton High Schools in Massachusetts. In addition to her teaching responsibilities, Sue spent many years coaching field hockey and lacrosse. She has won a novice teacher award, Grinspoon award, NMSI teaching award, and Pioneer Valley ACS teacher of the year. Sue has been an AP reader, table leader, and APSI consultant since 2012. When she isn't "doing" chemistry, Sue loves to ski, bike, and travel, all while listening to good books.



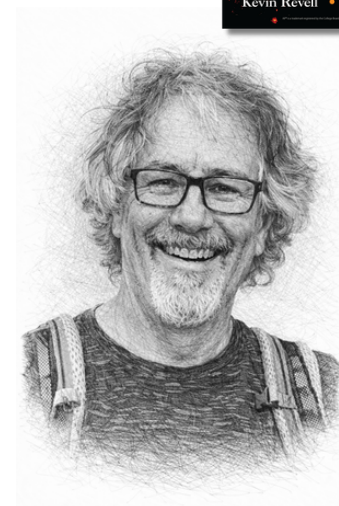
Kristen Cacciatore, Contributor

Kristen Cacciatore is a science and mathematics instructional coach at Charlestown High School in Boston. Prior to this role, she taught AP Chemistry for 15 years at schools across the Boston area. She regularly designs and facilitates professional learning, develops curriculum materials, and supports teachers in implementing rigorous, student-centered instruction in AP Chemistry. Outside of her professional work, she enjoys hiking and trying out new recipes from a variety of cuisines.



Lisa Cumming, Contributor

Lisa Cumming has taught AP Chemistry for 35 years and has been an AP Reader since 2000, then a Table Leader, and now a Question Leader. In addition, Lisa wrote materials for AP Insight, which targeted misconceptions in AP Chemistry, has been an item writer for the AP Chemistry Exam, coauthored a lab for the AP Inquiry-Based Lab Manual, and has helped to edit several chemistry textbooks. Lisa is also involved with the National Math and Science Initiative as a curriculum writer, teacher mentor, and coach, as well as tutoring chemistry for a private tutoring agency.

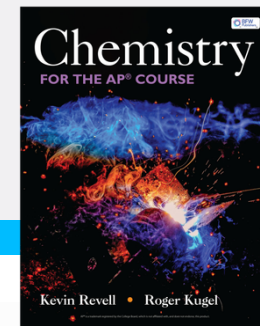


William G. Cumming, Contributor

Bill Cumming has taught Chemistry and AP Chemistry in independent schools for over 40 years including 15 years at Deerfield Academy in Massachusetts where he was the holder of the Helen Childs Boyden Chair in the Teaching of Science. He began his career in Okotoks, AB Canada where he started the AP Program. He has been an item writer for the Educational Testing Services (ETS) for inclusion on AP and SAT exams, and he authored one of the labs in the AP Chemistry Inquiry-Based Lab Manual. He has worked as a College Board consultant, AP Reader, Table and Question Leader since 1999. An avid cyclist and hiker, Bill is also a retired NCAA/USILA Lacrosse official, having officiated in the National Championships series in 2013.

Chemistry for the AP[®] Course

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Garrett Forbes, Contributor

Garrett has been a chemistry teacher for the last 30 years, most recently teaching AP Chemistry at New Trier Township High School, where he has been since 2006. Beyond the classroom he has served a variety of roles at New Trier including Faculty Senate President, a member of the Joint Committee on Teacher Evaluation, and been a continuing mentor to new teachers. When not at school, Garrett enjoys hanging out in Chicago with family and friends, supporting the local sports teams, and is an avid golfer.



David Hostage, Contributor

David Hostage taught science at the secondary level from 1976 to 2020, including all levels of chemistry. He taught AP Chemistry for more than 30 years and, as a College Board endorsed consultant, has led workshops for teachers all over North America since 1988. He has been a Reader, Table Leader, and Question Leader since the early 1990s, and was a member of the Test Development Committee for four years. David is the author of a lab manual for AP Chemistry and multiple editions of a test review book, as well as a contributing author for the College Board lab manual. David sings in a church choir and a local chorale. In his spare time he enjoys renovating vintage stereo speakers.



Patsy Mueller, Contributor

Patsy has taught chemistry and AP[®] Chemistry for more than two decades at Highland Park and Regina Dominican High Schools in north suburban Chicago. She has served as a Consultant/instructor for more than 20 AP[®] Chemistry summer institutes, in addition to work as an AP Reader, a Table Leader, and two terms as a member of the AP[®] Chemistry Test Development committee. Patsy is also a co-author for an AP Chemistry Multiple Choice and Free Response Review book. When time permits, Patsy enjoys international and domestic travel, from Alaska to Australia, from Georgia to the Galapagos Islands.

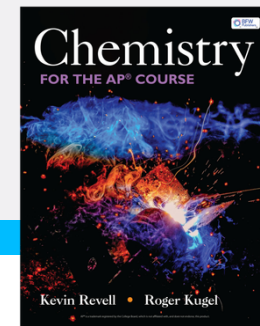


Michael T. Mury, Contributor

Michael has been teaching and working with science curriculum for the past 22 years. He taught AP Chemistry for 6 years before transitioning to his current role where he works on the science curriculum for all high school science courses in Polk County Public Schools in Bartow, Florida. He has experience working on other textbooks including Chemistry in the Community and Chemistry in Context. Michael is a fan of Legos and puzzles.

Chemistry for the AP[®] Course

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Stephen Pulliam, Contributor

Stephen Pulliam has been inspiring and challenging students to reach their potential in the classroom and beyond for nearly 25 years. In 2003, he began teaching AP Chemistry, became an AP Reader in 2009, and a Table Leader in 2012. Stephen has been a consultant conducting workshops for the AP Insight Chemistry program since 2015, and also serves as a consultant and workshop leader for the National Math and Science Initiative. He is the Chair of the Science Department at Delaware County Christian School in Newtown Square, Pennsylvania, and teaches AP and Honors Chemistry. He also coaches girls varsity basketball and middle school baseball. In his spare time, Stephen enjoys spending downtime with his wife and children, and especially venturing off on fishing trips with his son.



Alice Putti, Contributor

Alice taught chemistry and AP chemistry for 30 years at Jenison High School in Jenison, Michigan. She has been a member of the AP Reading since 2005 and was part of the AP chemistry test development committee from 2017-2022. In 2022, Alice won the ACS James Bryant Conant Award in High School Chemistry Teaching. When she isn't working, Alice loves to read, watch movies and travel.



Lee Rucinski, Contributor

Lee established the AP Chemistry program at Tinley Park High School in Tinley Park, Illinois, and has led it for the past 14 years. He has more than 19 years of experience teaching chemistry. In addition to his teaching responsibilities, he serves as the head varsity coach for volleyball and bowling. He began serving as a reader for the AP Chemistry examination in 2025. Outside the classroom, Lee enjoys golfing, scuba diving, and traveling with his family.



Fred Vital, Contributor

Fred has been a chemistry teacher for over 25 years and has taught AP Chemistry at Darien High School in Darien, Connecticut, for the past 13 years. He is an AP consultant and has served as a reader and on College Board committees since 2008. Fred has a B.S. in Biochemistry from Fairfield University, M.S. in Biochemistry and M.A. in Science Education from Columbia University. When not teaching, Fred enjoys exploring new cuisines and cultures.