



# The A.T.O.M.S. Center ADVANCED PLACEMENT SUMMER INSTITUTE JULY 2017

### Convenient and Affordable

Our program offers the choice of two sessions, starting July 10th and 17th. Each session runs from 8:00am-5:00pm, Monday-Thursday. CollegeBoard materials, teaching aids, refreshments and buffet lunch are included in your tuition. You'll get quality instruction at a flat rate — **no additional fees.**

### All Experience Levels Welcomed

The A.T.O.M.S Center initiative offers educators of all levels the tools necessary to maximize student success. Courses are designed to foster collaboration between new and experienced educators, **forming long-lasting professional relationships.**



### Course Variety

Courses will be offered across **20 disciplines** including:

Art History, Studio Art, Biology, Calculus AB, Calculus BC, Chemistry, Computer Science A, Computer Science Principles, Economics (Micro and Macro Combined), English Literature and Composition, English Language and Composition, Environmental Science, Government and Politics, Human Geography, Pre-AP Professional Development in English, Pre-AP Professional Development in Math, Pre-AP Professional Development in Science, Psychology, Physics, and Statistics.

### Acclaimed Instructors

Courses are delivered by decorated CollegeBoard endorsed consultants in a collegiate setting. Instructors include **AP exam question writers, CollegeBoard test development committee members, textbook authors, and active AP Readers.**

## F.A.Q.s & CONTACT INFORMATION

### How much is tuition?

Early registration is only \$725 for non-lab courses and \$775 for lab-based courses, with no additional fees if received by June 16th, 2017. Late Registration of \$750 (non-lab courses) and \$800 (lab-based courses) may be accepted up to June 21st for the July 10th session and up to June 28th for the July 17th session.

### How do I register?

Please visit the A.T.O.M.S Center website: [atoms.kennesaw.edu/node/45](http://atoms.kennesaw.edu/node/45)

### Make Checks Payable to "The ATOMS CENTER" and mail

to: Kennesaw State University  
College of Science and Mathematics  
ATTN: Kelley McDonald  
105 Marietta Dr., MD 1301  
Kennesaw, Georgia 30144



### What are the housing options?

We have special discounts at area hotels with shuttles to campus or within walking distance. Please visit our website for further details.



### Are there excursions?

Environmental Science participants will have an excursion to conduct hands-on experiments with environmental samples. The metropolitan Atlanta area offers numerous tourist opportunities as well. Please visit <http://www.atlanta.net/things-to-do/> for additional information.

## FACULTY INFORMATION SESSION 1 JULY 10<sup>th</sup>-13<sup>th</sup>, 2017

### Biology—Tom Willis

**Tom Willis** has been teaching high school science for 24 years, in both public and private institutions. Tom has taught AP biology for 19 of those as well as teaching regular and honors biology, anatomy, marine biology, astronomy, psychology, physics, physical science and coastal ecology. Tom has a B.S. in Applied Biology from Georgia Tech and a M.Ed. in Science Education from Georgia Southern University. Tom is currently teaching at Frederica Academy on St. Simons Island, GA. Tom has served the College Board as an AP Reader for 16 years, the last 4 as a Table Leader. Tom has been a College Board certified workshop consultant for 5 years, and is currently a biology subject matter expert for Learning List, a company that publishes biology product re-views.



### Calculus AB— Sergio Stadler

Sergio Stadler has taught AP Calculus at Marist School for 39 years. He has co-authored multiple-choice questions for Louis Leithold's Calculus textbook. He has been an AP reader and table leader for the AP Calculus exam, authored TIP's Advanced Placement Calculus AB manual, and been an Atlanta teaching fellow at TIP's Summer Residential Program. Mr. Stadler has been a College Board consultant and an instructor of summer institutes for many years.

## FACULTY INFORMATION SESSION 1 JULY 10<sup>th</sup>-13<sup>th</sup>, 2017

### Chemistry– Jeanette Stewart

Jeanette Stewart has taught at Marist School since 2004 and has frequently served as an Advanced Placement Chemistry reader since 2009. In addition to serving as a reader, Ms. Stewart has served as a question writer for the redesigned AP Chemistry exam. Her work with the redesign also included piloting the guided inquiry labs and serving as a reviewer for the AP Chemistry Guided Inquiry Lab Manual for Students. Ms. Stewart was a member of the CollegeBoard's AP Insight committee for Chemistry. This committee was tasked with identifying challenge areas in the course, designing instructional strategies and evaluating assessments for an online platform to help improve student's AP Chemistry scores. Ms. Stewart is also a member of the College Board's Academic Assembly Council (AAC). The AAC advises the College Board's board of trustees on issues related to curriculum & instruction as well as how to best provide educational opportunities to all students. A longtime member of the American Chemical Society (ACS), Ms. Stewart is also a founding committee member of the ACS Government Affairs Committee, Georgia division.



### Computer Science A– John Meinzen

Mr. John Meinzen has been teaching math and computer science for over 23 years. He is the math department chair at Edwardsville High School and a National Board Certified Teacher. His current focus is on classroom pedagogical practices for both AP-level students as well as beginning programmers. John has taught over 15 math-related courses and developed 9 different computer science-related courses. He has been an APCS Reader for 9 years and a recent guest lecturer in China. Mr. Meinzen has served on several state-level math standards committees and been an Illinois representative at the federal level. His recognitions in Illinois and nationally include the ICTM Richard Rhode Award, Dr. Mary Ellen Verona Computational Science Teacher Leader Award, and Emerson Excellence in Teaching Award.

## FACULTY INFORMATION SESSION 1 JULY 10<sup>th</sup>-13<sup>th</sup>, 2017

### English Literature and Composition- Sarah Muirheid

Sarah (Gigi) Muirheid has taught Advanced Placement English Literature and Composition at Marist School in Atlanta, GA, for 26 years. She has served as an AP reader and table reader for the grading of the College Board National Advanced Placement exams for 14 years. She presently serves as a College Board consultant, leading AP workshops across the country and summer institutes in the Southeast region. She has conducted a workshop for the College Board National Conference.



### Environmental Science - Margaret Scot Smith

**Dr. Margaret Scot (Scottie) Smith** is the Upper School Principal, AP Environmental Science instructor, and AP Chemistry instructor at The Canterbury School of Florida in St. Petersburg, Florida. Scottie received her BS in Micro-biology from Auburn University in 1988 and her PhD. in Microbiology from Texas A&M University in 1993. She was an adjunct professor at the University of Tampa teaching Environmental Science for several years. She has been teaching AP ES since 1998 and has been an AP Exam reader since 1999. She has served as a Table Leader from 2003 – 2008 and in 2014. She has been a College Board Consultant since 2001, presenting both workshops and weeklong AP Summer institutes. She is College Board endorsed in Environmental Science, Pre-AP Science, and Strategies for Success in AP Science. She is the Editor of College Board's *AP Environmental Science Special Focus: Ecology*, published in the fall of 2008. She authored the first *AP Achi ever-Envi ronmental Sci ence* for McGraw Hil l. Scottie is actively involved in preparing students for the Envirothon, North America's largest environmental competition. Her 1999 and 2003 teams were the Florida Envirothon champions. She has led students on scientific adventures throughout the United States, particularly in Florida, and to Ecuador and the Galapagos Islands on several occasions.

## FACULTY INFORMATION SESSION 1 JULY 10<sup>th</sup>-13<sup>th</sup>, 2017

### Economics (Micro- and Macro- Combined)- George Davis

George Davis has been a teacher for forty-seven years: four years at a Massachusetts private school, thirty-two years in Tennessee public schools and 11 years as an adjunct professor at the university level. Mr. Davis has an AP® Reader since 1989, a College Board consultant since in 1988 and currently is a question writer for the both the Micro and Macro exams. In addition to his work with the College Board, Mr. Davis is the author and editor of AP® Macroeconomics Teacher Guide, question writer for the Economics Praxis test and Georgia Economics EOC.



### Human Geography– Joni Jameson

Joni Jameson attended the University of Georgia and has earned her ABD in social studies education with a focus on globalization. She has taught for twenty-five years and she has worked with the College Board and ETS for over ten years. Joni has served as a reader for the College Board for 9 years. In the classroom she has taught a variety of Advanced Placement courses in both social studies and language arts. She has worked as a consultant assisting districts in establishing and implementing inclusive high expectations programs that included increasing advanced placement enrollment and performance. She was most recently recognized as the Southeast AP Professional of the Year in 2016.

## FACULTY INFORMATION SESSION 1 JULY 10<sup>th</sup>-13<sup>th</sup>, 2017

### Pre-AP Professional Development in Math- Laura Grimwade

Laura Grimwade is currently the Director of Research, Assessment, and Accountability for the Rockdale County Public School System in Conyers, Georgia. Prior to her current position, Laura served as a K-12 Math Coordinator and former secondary math teacher. She has worked extensively to train educators on Standards Based Mathematics and the Backwards Design Model. Laura has been a math consultant for the College Board since 1999. It is her belief that all students deserve high quality instruction in preparation for AP and other challenging courses.



### Pre-AP Professional Development in Science- Robert Morgan

Bob hails from Atlanta, Georgia where he has taught all levels of chemistry and served as the AVID coordinator during the past 13 years and an additional 13 years in Pennsylvania. He has served as a consultant to the College Board for the last 10 years providing various workshops for Pre-AP science throughout the United States. In addition to teaching in high school, he also headed the computer science department at a local college in Pennsylvania. Bob also worked in various businesses including owning his own computer store, consulting with large corporations in the United States, serving as the manager of technical training for a large bank in Pennsylvania, and providing technical support to both a bank and a college.

## FACULTY INFORMATION SESSION 1 JULY 10<sup>th</sup>-13<sup>th</sup>, 2017

### Physics I– Tom Hoch

**Tom Hoch** teaches and is the Science Department Chair at Tower Hill School in Wilmington, Delaware with over 25 years teaching experience. He is an AP Physics reader and an experienced College Board workshop facilitator. Mr. Hoch is a graduate of Elizabethtown College with a B.S. in Psychology and has done undergraduate work at the University of Pennsylvania and Villanova in Physics and Chemistry, as well as graduate work in Physics at Drexel.



### Psychology– Hugh Canterbury

**Hugh Canterbury** has been an AP Psychology teacher since 1992, which has taught him much of what to convey to beginning teachers of AP Psychology. As a College Board consultant since 1995, Mr. Canterbury has been privileged to have conducted numerous one-day workshops and one-week institutes as far west as Phoenix, south as Miami and north as suburban Washington DC, with many places in between. An undergraduate of Berry College, he also has earned M.Ed. and Ed.S. degrees from Georgia State University. He has served as a College Board Reader since 1997. He has served on the faculty of South Forsyth High School, Cumming, GA since 2005, where he was recognized as STAR teacher for the second time, the first while on the faculty of Griffin (GA) High School.

## FACULTY INFORMATION SESSION 1 JULY 10<sup>th</sup> - 13<sup>th</sup>, 2017

### Statistics– Landy Godbold

Landy Godbold received BS and MS degrees in Applied Mathematics from Georgia Tech and taught 40 years at The Westminster Schools in Atlanta, including courses in statistics for over 35 of those years (at the AP level since 1996). In 1984 he was one of the first fifty participants in the Woodrow Wilson Summer Institutes in mathematics at Princeton (that year the topic was Statistics) and returned during the summers of 1988-1993 as Computer Director for that program. He served two three-year terms as an NCTM appointee to the ASA-NCTM Joint Committee on Curriculum in Statistics and Probability, the final two years as chair. He began as an AP reader of Statistics exams in 1997, and has six years experience as a table leader. He is co-author of NCTM's Navigations in Data Analysis. Honors include Westminster's Alex P. Gaines professorship and Alumni Fellow for Distinguished Teaching and the national Presidential, Radio Shack, and MAA Edyth May Sliffe awards.



### Studio Art- Kevin Cole

Kevin Cole received his B.S. degree from the University of Arkansas at Pine Bluff, his M.A. in Art Education from the University of Illinois at Urbana, and his M.F.A. from Northern Illinois University at DeKalb. He is currently an Art Instructor at Westlake High School in Fulton County, Ga and Advance Placement Art Consultant For Savannah College of Art & Design in Atlanta, GA. Mr. Cole has received over 65 awards in art, 27 fellowships and grants, and 51 teaching awards. He has exhibited at over 450 Art Exhibitions throughout the World. He has been an AP Reader and Table Leader with the College board since 1998. While teaching at Tri-Cities High School he had 94% pass rate from 1990-94. In 1996 he started the magnet program at North Spring High School where he had a 97% pass rate from 1996-2005. Later he joined the faculty of Westlake High School, where he currently teaches and has a 100% pass rate.

## FACULTY INFORMATION SESSION 2 JULY 17<sup>th</sup> - 20<sup>th</sup>, 2017

### Art History- David Malady

David Malady received his BA in Art History in 1992 from UNC (Chapel Hill) and his MA in Art History from Penn State in 2000. He has been an AP Workshop Consultant since 2015, an AP Exam Question Writer since 2013, and an AP Reader since 2010. He has been a teacher at Union County Public Schools, NC since 1998, where he has taught Art I - IV, AP Studio Art, Photo I and II, and AP Art History. He has served as an Adjunct Instructor at Wingate University since 2013, where he has taught Studio Art and Focus on the Visual Arts. He has also served as a course developer at Union County Virtual School and NC Virtual Public School.



### Calculus BC- Sergio Stadler

Sergio Stadler has taught AP Calculus at Marist School for 39 years. He has co-authored multiple-choice questions for Louis Leithold's Calculus textbook. He has been an AP reader and table leader for the AP Calculus exam, authored TIP's Advanced Placement Calculus AB manual, and been an Atlanta teaching fellow at TIP's Summer Residential Program. Mr. Stadler has been a College Board consultant and an instructor of summer institutes for many years.

## FACULTY INFORMATION SESSION 2 JULY 17<sup>th</sup> - 20<sup>th</sup>, 2017

### Computer Science Principles- Gina McCarley

Gina McCarley teaches AP Computer Science, AP Computer Science Principles, and AP Career Technical Courses at Lawrence County High School in Moulton, Alabama. Additionally, Ms. McCarley teaches Introduction to Programming and APCS-A for the Alabama Virtual School via the Alabama ACCESS program for the Northern region of the state. Ms. McCarley has been working in education since leaving industry in 1999. She serves as a mentor teacher for CS4 Alabama's launch of Computer Science Principles course and is a participating teacher in the College Board National Pilot of AP Computer Science Principles Phase II. In the classroom, Ms. McCarley uses multimedia tools to engage student interest and participation. Some of her most successful projects involve her students using multimedia tools to express themselves creatively and to document their exploration in problem-based inquiry.



### English Language and Composition- Jim Hull

Now in his 46th year as an English teacher, Jim Hull earned his A.B. at Rutgers University and his M.A. and Ph.D. at Penn State. After twenty years at Mount Vernon College in Washington, D.C. as English professor and coordinator of the writing program, he began teaching AP English Language at Herndon High School in Fairfax County, Virginia. He has taught AP English Language for seventeen years and has spent thirteen years as a national reader for the AP English Language exam. Besides his employment as an AP Consultant, he has worked as a teaching consultant for the REACH program in New York City and for the National Math and Science Initiative in Virginia and Washington, D.C.

## FACULTY INFORMATION SESSION 2 JULY 17<sup>th</sup> - 20<sup>th</sup>, 2017

### Government and Politics- Alfred (Tony) Cordell

Tony Cordell taught at Marist School for 34 years. He has taught AP U.S. History and has been teaching AP U.S. Government and Politics for 19 years. He has also taught seminars on current American policy and civil liberties/rights. Tony has served as an AP reader for 17 years, a table leader for 10 years, and is currently an AP consultant, conducting workshops and seminars. In addition, he is on the McGraw-Hill Advisory Board for the AP Government interactive learning project. Tony was one of the teachers selected to be on the committee for 2018 Redesign of the AP Government and Politics Course. He is currently teaching at Mt. Bethel Christian Academy in Marietta, Ga.



### Pre-AP Professional Development in English- Cathy McCurdy

A native Tennessean, I followed in the footsteps of my father, aunt, and grandmother to become an educator. Teaching is definitely in my DNA; although, I questioned my career choice at first, it truly has been a joyous and rewarding profession. An experienced middle and high school teacher, I have served as consultant for the College Board and leader of Pre-AP English Summer Institutes for more than fifteen years. I hold a Master of Arts in Teaching from Memphis University as well as other advanced degrees. I taught AP Language & Composition for over six years in Tennessee and most recently focused on establishing a vertically aligned Pre-AP English curriculum in a 7-12 grade magnet program in Nashville, TN.