



2011 ADVANCED PLACEMENT SUMMER INSTITUTES

New Mexico Highlands University

**IN PARTNERSHIP WITH THE NEW MEXICO PUBLIC EDUCATION DEPARTMENT
AND NEW MEXICO LEGISLATURE**

Advanced Placement (AP[®]) courses are college level courses taught to high school students. AP[®] courses challenge students to pursue excellence in their education. Students that take the AP[®] exam may receive college credit or advanced placement for these courses upon entering college.

Throughout the years, hundreds of New Mexico high school and middle school teachers have received invaluable training through the Summer Institutes. APSI courses are led by experienced, enthusiastic and dedicated College Board-endorsed lead consultants, who have a broad range of knowledge and proven ability presenting to their peers. Lead Consultants include AP teachers, AP exam readers, winners of special recognition awards from the College Board, and winners of regional and national teaching awards.

APSI participants leave with a renewed sense of enthusiasm as well as many creative and practical ideas for challenging their students in the coming years.

Below are the 2011 APSI Dates, Sessions, Course Descriptions and/or Course Outlines and Consultant Biographies.

Week 1, June 13 – 17, 2011 New Mexico State University Campus Las Cruces, New Mexico	
Session AP Calculus AB/BC (combined) AP Chemistry AP English Language and Composition AP English Literature and Composition AP German Language AP Human Geography AP U.S. History Pre AP English (Middle School) Pre AP U.S. History	Consultant <i>TBA</i> Brad Cast Phyllis Wright Robert Wofford Elizabeth Smith Connie Hudgeons Bruce Smith Ayn Grubb Christine Deitz
Week 2, June 20 – 24, 2011 University of New Mexico Campus Albuquerque, New Mexico	
Session AP English Language and Composition AP English Literature and Composition AP French Language AP Macroeconomics AP Spanish Language AP Spanish Literature AP Studio Art – New AP Studio Art – Experienced AP World History Pre AP English (High School) Pre AP English (Middle and High School) with an Emphasis on Vertical Teaming Pre AP Math (Middle School) Pre AP Math (High School) Pre AP World History Pre AP Strategies in Science Inquiry Based Labs	Consultant Hollis Elkins Linda Davey Verna Lofaro Sally Dickson Victoria Sullivan Yolanda Soliz Kathleen Blake Patricia Winnard Andy Aiken Lucia Ann Amundson Lisa Baker Victoria Jackson Melissa Burkhead Bobette Hewgley Richard Hillman

2011 APSI Professional Development Sessions

Sessions are listed in alphabetical order by title.

AP Calculus AB/BC (combined) Week 1 NMSU

Course Description:

This course will present a detailed analysis of the current Calculus AB and BC course descriptions. It is important for participants to note that this institute will cover the entire AB and BC course description. Approximately 60% of the institute will be devoted to AB topics and the other 40% of the institute will be devoted to BC-only topics. Features of the institute will include: strategies for teaching various topics; resources available for the AP teacher; discussion of content from an advanced viewpoint; substantial activities with graphing calculators and their role on the AP exam; suggested timetables; suggestions for types of assignments; and suggestions for sample test questions. The format of the AP exam together with an analysis of scoring standards used will be discussed. Sample questions and the grading process from the perspective of an AP Reader will be addressed. In addition, the significant changes in the AP Calculus course description in recent years will be addressed in detail. Participants will have opportunities to work "hands-on" with graphing calculators and will receive numerous materials.

Lead Consultant: Joe Milliet

Joe Milliet is the mathematics department chair at St. Mark's School of Texas and teaches both middle and high school mathematics. Joe taught high school mathematics at Beaumont Central High School in Beaumont, Texas, for 22 years. During that time, he served the AP Calculus community as a College Board consultant, a workshop leader, exam reader, and member of the AP Calculus Test Development Committee. From June 1998 to June 1999, Joe served as Associate Director for the AP Program at the College Board Southwest Region Office (SWRO) in Austin, Texas. From June 1999 to July 2000, Joe worked as a consultant to promote a partnership between the College Board SWRO and the University of Texas, while also developing AP course support material in conjunction with the Dana Center for Math and Science Education at the University of Texas. Joe returned to teaching in August 2000, joining the faculty at St. Mark's. Having taught mathematics for 33 years total, including AP Calculus AB and/or BC for 29 years, he currently teaches AP Calculus along with other mathematics courses. He also continues to serve as an AP Calculus consultant since his return to teaching. He is co-author of the test preparation book "Be Prepared for the AP Calculus Exam" published in 2005. In 2008-2009, Joe was the state of Texas' recipient of the Siemens Award for Advanced Placement.

AP Chemistry Week 1 NMSU

Course Description:

This summer's AP Chemistry Institute will include: interactive and topic specific labs, several unique computer programs to aid in your students' success, and an intensive look into several test topics which have been strongly emphasized over the last several years. It is my goal that participants take from this conference a renewed or even greater sense of classroom enthusiasm, as well as several unusual ways to approach traditionally student unfriendly topics.

I would ask that participants bring their laptops (preferably unrestricted), calculators, and a one of your favorite labs.

Lead Consultant: Brad Cast

Brad Cast has been a teacher of Chemistry and Pre AP Chemistry for 24 years and has taught AP Chemistry for the past 8 years. Twice he was nominated for the Siemens AP Teacher Award, he also has been named Distinguished Mentor from the University of Arkansas. Brad has been a College Board Consultant for 3 years. He is currently teaching at the academically 64th placed school in America and 2nd ranked school in Oklahoma, Booker T Washington.

AP English Language and Composition
Week 1 NMSU

Course Description:

For both experienced and inexperienced AP Language teachers, this session will focus on developing skills, strategies and lessons to help students understand the principles of rhetorical theory and practice that underlie the AP Language and Composition Exam. Teachers should plan to share a successful classroom activity or assignment and bring copies for all participants.

Lead Consultant: Phyllis Wright

Phyllis Wright has enjoyed teaching AP English since 1978. A recipient of the College Board Southwestern Region's Special Recognition Award, she began consulting for the College Board in 1986. Phyllis has served on the AP Literature and Language Test Development Committee, the Southwest Region's Advisory Board, and as a Table Leader for the AP Language Exam. Honored professionally as a New Mexico State Teacher of the Year and a Golden Apple Fellow, outside the classroom, she is an avid hiker and an active member of a New Mexico Search and Rescue Team.

AP English Language and Composition
Week 2 UNM

Course Description:

This session of the institute at UNM covers the major skills students need to succeed on the AP English Language exam, as well as in college and in life. Our focus will be on introducing various skills to students and discussing ways to have them practice these skills in order to improve their writing, reading, and thinking. We will discuss tools and techniques and use appropriate texts—primarily non-fiction—to practice what we want to teach our students. Please bring a lesson plan which incorporates media in it in some way. Be prepared to share the lesson with other participants.

Lead Consultant: Hollis Elkins

Hollis Elkins has 33 years of teaching experience, in high school and college. She taught AP English Language for 10 years and English Honors 11 as a Pre-AP English Literature course for 14 years. Hollis wrote the course description for English Language for the Albuquerque Public Schools. Prior to her high school experience, she taught full-time at UTEP for 3 years. For 14 of the 26 years spent at Rio Grande High School, she also taught part-time at T-VI (CNM). She was a Reader for the Language exam for 7 years and has been a College Board consultant since 1999. Since 2007 Hollis' has worked with students in Amarillo and Houston and mentored AP teachers in El Paso, in addition to conducting College Board workshops and consulting at summer institutes. With graduate degrees in English and American Studies and an undergraduate minor in History, she enjoys the eclectic nature of AP English Language. As an avid reader for all of her reading life, in the past 20 years she has focused more on non-fiction than on traditional literary genres due to teaching AP Language and Freshman English. In her spare time, besides reading, she enjoys keeping fit, traveling, and watching baseball.

AP English Literature and Composition

Week 1 NMSU

Course Description:

Designed to provide an overview of the structure and content of an AP English Literature course for juniors and seniors, this course will enable participants to examine their current teaching units and methods and to develop strategies for teaching students with a focus on AP skills.

Topics will include the following:

Participants will:

- simulate a reading from the AP English Literature Exam,
- examine AP multiple-choice questions as a teaching tool,
- develop strategies for teaching prose and poetry in line with the skills students need to perform well on the AP English Literature Exam,
- develop strategies to teach composition in order to help students identify the rhetorical strategies needed to write effective AP essays, and
- examine strategies for teaching an AP unit using Joy Kogawa's *Obasan* as a guide.

Other possible topics include scope and sequence, design-down curriculum, and vertical teaming, depending on participants' needs.

Novel to purchase and read before the start of the course:

- *Obasan* by Joy Kogawa. ISBN 0385 468 865

What participants should bring:

- copy of *Obasan*
- an AP lesson to share (with 30 copies of a handout if one is involved)

Lead Consultant: Robert Wofford

Robert Wofford teaches AP English Literature at Las Cruces High School in Las Cruces, New Mexico, where he also taught pre-AP English. For the past several years, he has led AP English Literature sessions at AP Summer Institutes in Texas, Oklahoma and New Mexico. He has been a participant in the National Endowments for the Humanities' summer seminars for secondary school teachers, most recently studying Dante in Siena, Italy, and taught for one year in Canada as a Fulbright exchange teacher. Mr. Wofford is a reader for the AP English Literature exam. He holds a BA in English education and an MA in English with a focus on rhetoric and the teaching of writing from New Mexico State University.

AP English Literature and Composition - Experienced

Week 2 UNM

Course Description:

This session is for experienced high school English teachers who want to prepare and/or refresh themselves to teach an Advanced Placement English Literature and Composition course. Participants will discuss best practices to prepare students for the national exam as well as various classroom techniques such as how to organize an AP course, how to select the best content, how to create a fair grading system, how to score essays and still have time for your life, and other methods to help make this course exciting and manageable for you to teach. Please refresh your memory by reviewing/reading Emily Brontë's *Wuthering Heights*. We will refer to her novel throughout the week for various purposes. Please bring your copy to the institute.

Lead Consultant: Linda Davey

Linda Davey developed and taught both the AP English Language and AP English Literature Composition courses at Rio Rancho High School in Rio Rancho, NM. After 38 years, she retired from the classroom and now consults throughout the country for The College Board and the

National Initiative for Math and Science. She has scored for the AP English Language and the AP English Literature national exams. She was awarded an AP Special Recognition Award at the Southwestern Regional Forum for her exemplary work and commitment to AP. She enjoys horseback riding, re-reading the classics and discovering new ones. She looks forward to returning to the New Mexico APSI this summer.

AP French Language Week 2 UNM

Course Description:

Goals and Objectives

1. To familiarize the participants with the content and components of the new AP French Language and Culture Course and Exam
2. To share materials and strategies with the participants that will help their students succeed in class and on the AP Exam
3. To provide the participants with ideas and techniques that will enhance the enrollment of students in the French program and, ultimately, the AP French course (Vertical Teams Concept)
4. To provide the participants with time and opportunity to research authentic materials, write lesson plans and new curriculum, interact and exchange successful techniques and strategies

Agenda

Day 1

Presentation of the new course

Modes of communication - interpersonal, interpretive, presentational

Alignment with the ACTFL Standards

Six global themes and sub themes

Role of authentic materials and synthesis

Lesson planning with current materials used for former course

Day 2

Presentation of new Exam and Rubrics

Work on curriculum and lesson plans

Day 3

Resources and strategies for practicing listening

Resources and strategies for practicing reading

Resources and strategies for practicing writing

Resources and strategies for practicing speaking

Day 4

Research for authentic materials

Exploration of themes and sub themes in currently used texts and materials

Day 5

Suggestions on how to enhance current program and prepare students on every level for AP

Wrap up

Lead Consultant: Verna Lofaro

Verna Lofaro taught 27 years at Cherry Creek High School and served seven years as the Foreign Language Department Coordinator. She received a B.A. from the College of New

Rochelle in New York and a M.A. in Instruction and Critical Thinking Skills in Foreign Language. She currently is a College Board Consultant and presenter of Advanced Placement Workshops and Institutes. She is a College Board trainee for the new AP French Language and Culture Program and Exam. She is the President of the American Association of Teachers of French, Colorado-Wyoming Chapter, a board member of the Colorado Congress of Foreign Language Teachers and member of the Cherry Creek School District's French Curriculum Committee.

AP German Language Week 1 NMSU

Course Description:

This is the year to visit an AP Summer Institute for German! The new exam will be given for the first time in the spring of 2012 and there are many changes from the previous one. In this institute, participants will learn how the new exam is constructed and how best to prepare for it. Participants will also be assisted in revamping their syllabi for the new AP audit, will work on already prepared units for the classroom, and practice developing their own materials. This institute will definitely give you and your students an edge in preparing for the new AP German Language and Culture Exam.

Lead Consultant: Elizabeth Smith

Beth Smith has been teaching German since 1969 and has been teaching AP German since 1991 at Plano Senior High School. After graduating with a BA in Modern Language from Kansas State University, she received her MA in German Education from the University of Kansas. She has served as table leader and a question leader for the AP reading and has been presenting workshops on the teaching of AP German since 1993. She co-authored a workshop for the College Board on Vertical Teaming in the Language classroom and has collaborated on a book published by the College Board to prepare students for the exam. She is a reviewer of materials on the website, AP Central, and has contributed to focus materials on reading and writing for the College Board. She is currently working with the College Board on materials for use in workshops to train teachers for the new AP Exam. As past president of the American Association of Teachers of German, she has had the opportunity to work with the latest materials and pedagogy. She was honored by the AATG as National German Educator of the Year at the Secondary Level in 2006.

AP Human Geography Week 1 NMSU

Course Description:

Designed for both the new and experienced AP Human Geography teacher who is seeking to expand working knowledge of concepts and teaching strategies, this session is designed not only to explore the content of Human Geography, but to introduce effective teaching strategies that support content and build critical thinking and writing skills necessary for success in the AP classroom. This session will provide in-depth examination of specific content areas and topics such as geographic models, globalization and development. The course Special Focus units will be included. Participants will review online mapping and Internet sources and will be provided with a variety of lessons, materials and resources to enhance the Human Geography classroom.

Topics will include the following:

- Effectively using textbooks, technology, and project based learning in the classroom
- Preparing students for success in the AP classroom
- Course design and content topic emphasis
- An examination of the cultural landscape through text and visual artifacts

What participants should bring:

- Classroom text currently used, if available
- Photographs or artifacts of your local cultural landscape (think postcards!)
- A favorite geography or writing activity to share (in electronic format to share)
- Flash drive for sharing/collecting shared activities

Lead Consultant: Connie Hudgeons

Connie Hudgeons teaches AP Human Geography and team taught AP World History and AP US Government at Albuquerque High School in Albuquerque, New Mexico. Her 25 plus years of experience includes teaching special education (LD) and gifted social studies, ESL to Vietnamese and Laotian refugee students, residential treatment centers, and at the college level. She was selected by the National Geographic Education Program and CPB/Annenberg as a master teacher for instructional video content demonstration of classroom techniques in *Teaching the Geographical Perspective* professional development video series. Connie currently is a member of the World History Association Executive Council and local program chair for the 2012 World History Conference to be held in Albuquerque, New Mexico. She has been a reader for both the AP Human Geography and AP World History exams. Connie holds a BS Ed in Humanities Education from Southern Illinois University (Carbondale, IL) and a MS Ed with emphasis in gifted education and reading from Eastern New Mexico University (Portales, NM).

AP Macroeconomics
Week 2 UNM

Course Description:

The purpose of this course is to help those AP Macroeconomics teachers, both new and experienced to increase their level of success by

- Evaluating instructional materials,
- Planning a streamlined program that allows for review,
- Revising pedagogical skills,
- Expanding knowledge of economic concepts,
- Improving analytical skills needed for excellent free response writing, and
- Practicing the grading of Free Response Questions using rubrics.

Experienced teachers are invited to bring a favorite lesson to share with the group.

Lead Consultant: Sally Dickson

Sally Dickson taught Advanced Placement Macroeconomics and/or Microeconomics for 11 years at Ross S. Sterling High School in the Goose Creek Independent School District in Baytown, Texas, and now tutors Macroeconomics students in Austin, Texas. Sally brings together good ideas and knowledge from personal experience and from excellent economics teachers from around the world gained from 7 years experience as an AP Economics Free Response Question grader, 14 years experience as a College Board consultant for AP workshops and summer institutes, and two years as an Economics Boot Camp Trainer with the Federal Reserve Bank of Dallas. She earned a B.A. degree from Southern Methodist University in Dallas, an M.S. degree from the University of Houston at Clear Lake, a Social Studies Composite certification, and a Texas Principal's certification.

AP Spanish Language
Week 2 UNM

Course Description:

THE FOCUS will be on strategies to develop the four skills (listening, reading, speaking, and writing); an inside look at the grading the AP Spanish Language Exam and how to apply rubrics; great websites and how to utilize them in the classroom.

TOPICS include techniques to develop the skills required to learn Spanish and to pass the AP exam with a 3 or above; materials to further develop skills in writing, speaking, listening and reading; how participants can take fuller advantage of existing resources; how to obtain/ develop materials via technology as they practice speaking, reading and writing.

TARGETED TOWARD both experienced (more than two years) teachers and inexperienced (two years or less) teachers

YOU SHOULD BRING any materials that you use in class to develop listening, speaking, reading, and writing in Spanish. Also bring music that you use in class.

Lead Consultant: Victoria Parada De Sullivan

Victoria Sullivan is a Spanish Instructor at the University of Houston. She has 29 years in education (University and High School level); 8 as an AP teacher; 6 as an AP consultant, 5 years AP reader. She has taught regular and honors courses in beginning and intermediate Spanish grammar and literature, Advanced Placement Spanish courses, Intensive Spanish courses, Advanced Conversation, and Spanish for Spanish Speakers. She is a member of American Association of Teachers of Spanish and Portuguese.

AP Spanish Literature **Week 2 UNM**

Course Description:

Participants will discover that the AP Spanish Literature course closely approximates a third year college introductory literature course. The group will examine the format and the scoring of the AP Spanish Literature Exam, using materials provided by the College Board and grading criteria from ETS. The group will read and analyze a representative body of Peninsular and Latin American literary texts/works from the AP Spanish Literature required reading list. The diverse list will encourage the participants to reflect on the many voices and cultures included in the works.

Participants should:

Study the AP Central Spanish Literature page
Select a work/author from the required list to expand on

Lead Consultant: Yolanda Soliz

Yolanda Soliz teaches advanced Spanish at The Kinkaid School in Houston, Texas. She has taught 34 years in the Texas public school system. She has taught all levels of Spanish (6th-14th) including AP Spanish Language and Literature, Pre-AP Spanish and Spanish for Heritage learners. Yolanda has been a College Board endorsed consultant for 14 years and has been a reader for both AP Spanish Language and Literature. She has a Master's degree in Spanish from the University of Houston University Park. She is a past president of the Texas Foreign Language Association. She serves as the president for the Houston Brazos Chapter of the American Association of Teachers of Spanish and Portuguese. She has presented AP Spanish sessions and workshops at HATFL, TFLA, SWCOLT and ACTFL Conferences. In October of 2006 she presented the literature curriculum to instructors from Venezuela and Colombia at the Colegio Internacional de Carabobo in Venezuela.

Yolanda was recognized as the TFLA 2006 Spanish Teacher of the Year and represented the state of Texas at the SWCOLT National FL Teacher of the Year competition in 2007 in Las Vegas. She also served on the Pan American Student Forum Board of Directors for 15 years as both contest and scholarship director.

AP Studio Art – New and Beginning
Week 2 UNM

Course Description:

This Institute will cover all aspects of the AP Studio Art courses and is intended for new and beginning teachers (1-5 years). The strategies and assignments used represent tried and true lessons as well as very deliberate opportunities that promote exploration and experimentation. The Drawing, 2-D Design, and 3-D Design Portfolios will be defined and distinguished. Participants will discuss approaches to organization, assessment, the digital portfolio, a wealth of resources, the role of a visual journal and the rubrics for each course. Encouraging personal voice in student work will be an important aspect of this workshop utilizing a multitude of curriculum ideas, implementing both hands-on experiences and student examples. The three categories of each of the portfolios, Quality, Breadth and the Area of Concentration, will be studied, and experienced through first-hand making art with lots of studio time! The ultimate goal of this workshop is to give teachers a complete foundation, including stimulus and strategies and experiences for which they can build or enhance a new or existing AP Studio Art class.

Lead Consultant: Kathleen Blake

Kathleen A. Blake has taught high school art for more than 30 years and she has taught AP Studio Art for 17 years. She believes that thinking creatively is an asset in all walks of life. Her greatest passion is helping students realize their creative potential and teaching/guiding them to discover their own personal voice through innovative thinking, visual problem solving and the process of making art. She believes that all students can succeed and have successful outcomes in visual art classes, including Pre-AP and AP Studio Art. She currently teaches Pre AP and AP Studio Art at Mount St Mary High School in Oklahoma City. Kathleen has served as an AP Consultant for thirteen years and has her masters in Art Education. Her awards include the following:

1994 National Scholastic Art Teacher Portfolio Award

1998 National Board Certified Teacher

2003 The National Art Education Association/
Western Region Art Educator of the Year

2003 Oklahoma's Art Educator of the Year

2003 Oklahoma Teacher of the Year Finalist

2006 Oklahoma Governors' Arts in Education Award

2007 Oklahoma Foundation for Excellence/
The OK Medal for Excellence in Secondary Teaching

AP Studio Art - Experienced
Week 2 UNM

Course Description:

Participants will engage in a series of new activities appropriate for the Drawing, 2D and/or the 3D design portfolio using both technology and by-hand processes. A new and updated version of Trish's 12 as surface preparations to "build" art pieces upon will also be taught as an introduction to the activities. How to teach quality by infusing my Top Ten approaches to stimulating creativity and developing a personal voice in your students work will be the basis upon which all work is created. Tips from Trish on photographing and submitting images digitally for the 2010 portfolio will be discussed. Assessments and scoring of the portfolio looking at the 2009 sample images will also be viewed and discussed from a reader's perspective.

What participants should bring:

1. Apron
2. Assortment of papers, paints, brushes, drawing mediums

3. Rubber gloves
4. Sketchbook
5. Hardbound used book (to be disassembled and reused)
6. Photos and Xerox color and B & W copies
8. Small hard side box
9. An ah-ha lesson plan to share

Optional (If you already have these, bring them)

1. Digital camera
2. CDs
3. Jump drive
4. Card reader
5. Laptop computer

Any other “stuff” you want to bring!

Lead Consultant: Patricia Winnard

Patricia has taught art for 35 years and Advanced Placement Studio Art for 20 years. She is a Fulbright Scholar, National Board Certified Teacher and a NAEA Teacher of Distinction. Over her teaching career she has received the AP Outstanding Recognition Award, Teacher of the Year, finalist for Oklahoma State Teacher of the Year, Oklahoma Art Teacher of the Year, Secondary Art Teacher of the Year and Western Region Art Teacher of the Year. She has received over \$58,000.00 in grant funding.

Patricia is an AP Studio Art Reader. She has conducted numerous 2-day and summer training institutes as a consultant for the College Board for the last 11 years.

She is currently an AP Studio Art teacher at Heritage Hall Upper School in Oklahoma City where she began and has nurtured a thriving program for the last 6 years. She is also a mentor for the Master Teaching Program for the Oklahoma State Department of Education. This year she was selected as one of the 2008 Cambridge University Who’s Who among Executive and Professional Women in Teaching and Education.

AP U.S. History **Week 1 NMSU**

Course Description:

The purpose of this Summer Institute is to provide useful ideas and information regarding AP U.S. History (APUSH). The Summer Institute will be a time to learn from other AP teachers and how to teach a course that is constantly expanding. Whether participants are new or have been an APUSH teacher for some time, it the objective of this Institute to meet your needs. Below are some items that this institute will cover:

- Starting an APUSH program
- Writing a syllabus for the semester
- Summer reading
- Writing effective FRQs and DBQs.
- Reading and note taking for a college-level textbook
- Using visuals
- Using the College Board Web site
- Assessing students in APSUH
- Using and analyzing primary source documents
- Scoring essays
- Shared lessons and other techniques

Using technology for APUSH
The future of APUSH: changes down the road

This Institute is to benefit your students as you prepare for APUSH for the next school year.

Lead Consultant: Bruce Smith

Bruce Smith teaches Advanced Placement United States History, AP Macro Economics, and AP United States Government and Politics at Rio Rancho High School, Rio Rancho, New Mexico. He has been teaching AP for ten years and a College Board consultant for five years. He has been teaching since 1988. Bruce taught in Papua New Guinea, Seoul, Korea, the Navajo Reservation and Jemez Pueblo. He earned his bachelor's degree in history and political science at Michigan State University and a masters in secondary education at the University of New Mexico, a masters in English at Middlebury College and a masters of liberal arts at St John's College in Santa Fe. In 2005, he received the James Madison Memorial Fellowship for New Mexico. Bruce has been a reader for College Board for the past six years reading for U.S. History.

AP World History **Week 2 UNM**

Course Description:

This AP World History section will focus on helping new and experienced teachers better understand and apply the changes to APWH for 2011-12 that put more emphasis on concepts, critical thinking, and analysis. Practical, ready to use materials will be provided to help your students write stronger essays, adjust to the modified style of multiple choice questions, and a variety of teaching strategies that require student critical thinking and analysis.

This will be an active institute with a good deal of discussion and sharing, small group historical problem solving, some formal and informal speeches by teachers, practice scored discussions, practice essay outline and thesis writing, map and data analysis, computer labs, test review materials, and more. Teachers should come prepared to collaborate with colleagues and be active.

Please bring: a laptop computer for CD or flash drive materials and computer labs, and non-computer note taking materials. For computer labs, those with laptops will be encouraged to work with a colleague that does not have one.

Experienced teachers - Please consider sharing an effective, active learning lesson by making 20 copies and bringing it with you. Also please bring the text and document reader (if you have one) that you currently use.

Lead Consultant: Andy Aiken

Andy Aiken started the AP World History program at Boulder High School in Boulder, CO where his AP World History classes grew from 22 students in 2001 to 153. He co-sponsors a large and active Model United Nations team and has served as department chair and District Social Studies coordinator. He has also taught AP Human Geography and served one year as an adjunct Geography instructor at the University of Northern Colorado.

Aiken participated in the first national AP World History consultant institute in 2000 and two more national trainings re: the 2011-12 APWH changes. He has led AP institutes in Vietnam, China, France, London, Germany, Mexico, Hawaii, and various U.S. cities. He has served as a national APWH reader or table leader since the first 2002 essay reading.

Teaching awards include: 1997 Fulbright Scholar - Japan, 1999 Freeman Fellow - China, 2000 Colorado International Studies Teacher of the Year, 2001 World History Association National Teaching Award, 2006 Colorado Teaching Award.

He enjoys travel and reading, is a trail runner, competitive cross country skier, mountain climber, and sea kayaker.

Pre AP Professional Development Sessions

Pre AP English (Middle School) **Week 1 NMSU**

Course Description:

Participants in this section will practice many new strategies to help students stretch themselves and expect more of themselves through their study of literature, writing, grammar, speaking, and listening. We will find out how to use film to excite students about literary analysis. We will explore ways to teach grammar through literature. We will practice some foldables, use picture books, and see what the research tells us about how our students learn. We will think in terms of pushing students to achieve more. Participants will build a network of colleagues and gain new ideas from interaction with them. Teachers should come prepared to work hard, think a lot, and rejuvenate for next year!

Lead Consultant: Ayn Grubb

Ayn Grubb received her B.S. degree in language arts education from the University of Oklahoma in 1989 and her M.A. degree in English from New Mexico State University in 1992. Since then she has challenged eighth graders, tenth graders, and teachers to expect more of themselves. Currently teaching 8th grade and coordinating K-12 language arts in Broken Arrow, Grubb has led Pre-AP English sessions at sixty summer institutes in the past eleven years and at countless other College Board conferences all over the country, including the AP Annual Conference, AP National Forum, and regional forums.

Pre AP English (High School) **Week 2 UNM**

Course Description:

Expect a rigorous week of learning, experiencing, planning and sharing. The sessions are most beneficial for experienced teachers who have already established their curriculum. Have your key works available to use as we adapt lessons and skills to enrich your units. Bring your favorite short story, poem, and play by Shakespeare that you do teach or might teach. We will work on composition, close reading, and analysis through poetry, short stories, novels, and drama. Lucy will share what she does to prepare her AP students to be successful on the AP Literature exam as well as underclassmen to take an AP Lang or AP Lit class. Lessons and assignments will be practiced to enable you take examples back to your classroom for adaptation to your particular works of literature. Bring a flash drive or blank CD's so that you may copy any of the media lessons you would like to incorporate into your lessons.

Lead Consultant: Lucia Ann Amundson

Lucy Amundson is an experienced College Board consultant and an AP Literature and Composition reader. She has taught in the Albuquerque Public Schools for 38 years: four years at Madison Middle School, 10 years at Sandia High School, and 24 years at Cibola High School where she was department chairperson for eight years. She helped create curriculum for the first Pre-AP classes offered in the district in the early eighties. She has taught AP Literature and

Composition for the past twenty-four years. After a year of retirement, she returned to Cibola to teach part time AP Literature and Composition and English 11.

Pre AP English (Middle and High School) with an Emphasis on Vertical Teaming **Week 2 UNM**

Course Description:

This workshop will provide strategies that can be used in the Pre-AP classroom to best prepare students for AP courses their junior and senior years. Participants will be introduced to various strategies and ideas appropriate for the Pre-AP classroom.

Topics will include the following:

- *Background to the AP and Pre-AP Program
- *Beginning a course and/or vertical team
- *Various forms of literary analysis
- *Novels for Pre-AP
- *Discussion techniques
- *Assessment

Novels to read before the start of the course:

- *Ellen Foster by Kaye Gibbons
- *House on Mango Street by Sandra Cisneros

What participants should bring:

- *Copies of the novels Ellen Foster and House on Mango Street
- *Legal pad or notebook

Lead Consultant: Lisa Baker

Lisa Baker teaches senior English, AP English Literature, and Pre-AP sophomore English at Wilburton High School in Wilburton, Oklahoma. She has been in her current teaching position since 1993. She began her school's AP program in 1998. Since 2000 she has conducted numerous workshops and summer institutes throughout the Southwest Region. She serves as a moderator for an education discussion group on AP Central. She was also featured in Building Strong AP Programs at Small Rural Schools and Oklahoma Choices. She obtained National Board Certification in 2002 and holds a BS in English Education from the University of Central Oklahoma.

Pre AP Math (Middle School) **Week 2 UNM**

Course Description:

This Pre-AP Middle School Math Institute will focus on the importance and relevance of mathematics prior to Algebra I, Algebra II and Geometry. Participants will be introduced to hands-on activities that will supplement and enhance their teaching techniques. There will be discussions about best practices and strategies to successfully implement inquiry-based learning activities.

Topics and Activities of the course:

- The language of Algebra
- Solving equations and inequalities
- Linear and non-linear functions
- Data interpretation and probability
- Critical thinking skills will be explored
- Multi-representational approaches to look at problems analytically, graphically, numerically, and verbally

- Exploration of internet websites and various forms of technology to increase comprehension

What participants should bring:

A favorite lesson, web site, activity or best practice they would like to share with the class.
A calculator that is used in his/her classroom, if available.

Lead Consultant: Victoria Jackson

Victoria Jackson has worked for the Pulaski County Special School District for the past 14 years and has taught Math in grades 3-8. At the present time, she is a Gifted and Talented teacher/facilitator at Maumelle Middle School and works with grades 6-8 in Pre-AP Math.

Mrs. Jackson graduated from the University of Arkansas at Monticello in 1970 with a B.S.E. in Elementary Education. She has a Masters in Gifted and Talented, which she received in 1989, and a Masters in Educational Administration, as well as Middle School Math Certification. As a College Board Pre-AP Middle School Math consultant for the past 8 years, Mrs. Jackson has presented at College Board Conferences, Summer Institutes, and several Vertical Team Strategies workshops. She lives in Monticello and has been blessed with a wonderful husband of 42 years, 2 grown children-a boy and a girl- and 2 granddaughters, both 6 years of age.

Pre AP Math (High School)
Week 2 UNM

Course Description:

This week will expose participants to the most current perspectives of College Board Pre-AP high school mathematics. Teaching algebraic, geometric, and precalculus thinking in all Pre-AP high school mathematics courses will be emphasized. The following strands will be studied thoroughly: transformations of functions, functional notation, the rule of four, limits, sequences, parent functions, composite functions, similarity, congruence, area, volume, rate of change, domain, range, graphical representations, area under a curve, variation, trigonometry, algebraic and geometric means. These strands will be explored and will have components that can be studied in Pre-AP Algebra I, revisited in Pre-AP Geometry, and built more deeply in Pre-AP Algebra II and Pre-AP Precalculus. In addition to constant focus on content rich mathematics, attention will be given to assessment and technology use in the Pre-AP mathematics classroom. Time will be dedicated to answering the question, “What makes a test question Pre-AP?” . Examples and non-examples will be explored and teachers will have an opportunity to develop and to adapt test questions for their own classroom use. Test questions that are vertical team friendly will be introduced. These test problems will have components that can be introduced in Algebra I, revisited and developed in geometry, Algebra II and Precalculus. Graphing calculator and dynamic geometry approaches will be introduced when studying some content strands.

What participants should bring:

- Participants should bring a ruler, compass, and graphing calculator.
- Participants are encouraged to bring three examples of tests they use with their students.--When we discuss assessment, participants will have an opportunity to create Pre-AP assessment questions for classroom use. After answering the question, “What makes a test question Pre-AP?” participants can tweak their test questions to create items they can use in their own classrooms.
- Participants are encouraged to bring the textbook they use.

Lead Consultant: Melissa Burkhead

Melissa Burkhead has been teaching high school mathematics for seventeen years. Her varied experiences include 5 years in Mexico City, Mexico, 2 years in El Paso public schools, 3 years in the Austin magnet school program, and 5 years in the Episcopal school system and 2 years at a college preparatory school in Fort Worth, TX. Encouraging students to develop their mathematics by posing thoughtful discovery rich questions, she especially enjoys helping students complement their newfound learning with visual Geometer's Sketchpad sketches. She currently chairs the mathematics department and teaches precalculus and BC Calculus to students at Trinity Valley School. In addition to classroom teaching, she presents for The College Board and Key Curriculum Press. Melissa has an undergraduate degree in mathematics and a graduate degree in mathematics education.

Pre AP Strategies in Science Inquiry Based Labs
Week 2 UNM

Course Outline:

Participants need to bring a calculator and a digital camera (or camera phone)

Tentative Schedule:

Monday

A.M.

Welcome

Introductions

Where from? Grade Level? Classes taught? Experience? Why you're here?

What you hope to get from this workshop? Philosophy

Lecture #1: What is Science?

BREAK

Introducing math into the curriculum

Graphing Exercise

Measuring with a Microscope

LUNCH

P.M.

Qualitative and Quantitative Observations

Scientific Drawing using Proportion and Relationship

BREAK

More Math in Science:

Building a Calorimeter to measure heat energy in foods

Class discussion: Planning the Curriculum

Homework: Reading: How "Agassiz Taught Schaller" - to be discussed first thing Tuesday morning

Tuesday

A.M.

Homework Discussion

Classification Activities: Seashells & Plasmoids

Understanding Dichotomous Keys and Cladograms

BREAK

Null Hypothesis & a Classical Experimental Design

Understanding Variables in an Experiment

LUNCH

Cell Respiration Lab

BREAK

Using Simple Scientific equipment to Collect Data

HOMEWORK: Microbe Hunters: Chapter 11 “Walter Reed”

Wednesday

A.M.

Homework Discussion

Understanding DNA Fingerprinting

Dry Lab

BREAK

Paper Chromatography Lab and calculating the Rf

Patterns in the periodic table

Molecular Model Construction

LUNCH

Visualizing Osmosis & Diffusion using Elodea (Lab)

BREAK

Sea Urchin Development Lab

Homework: Aldo Leopold, “Thinking Like a Mountain” & “Escudilla”

Thursday

A.M.

Homework Discussion

Ecology / Conservation Activities

Dissolved Oxygen Lab

BREAK

Stages of Mitosis & Cell Cycle (Onion Root Tip Mitosis Lab)

Calculating Time in Stages

LUNCH

More Math: Genetic Traits & The Hardy-Weinberg Formula

BREAK

Designing Rubrics to Grade your Free Response Questions

Homework: Released ACT Science Reasoning Test

Friday

Homework Review

Sharing of Lab & Lecture experiences

BREAK

Concluding Remarks

Evaluations

Certificates

Lead Consultant: Richard Hillman

Richard Hillman has a B.S. in Natural Sciences from the University of Arkansas, a M.S. in Biology (aquatic toxicology) from Henderson State University, post M.S. graduate work at University of Arkansas at Little Rock - Gifted & Talented and Arkansas Tech University - Environmental Science. He has 35 years teaching experience at secondary and collegiate levels.

His experience includes teaching Environmental Science at Ouachita Technical College, Introduction to Biology and Genetics and Evolution at the University of Arkansas at Little Rock, Introduction to Biology and Biology Laboratory at Henderson State University. At Benton High School his experience includes being Chairman of the Science Department and teaching AP and Pre- AP Biology. He is a College Board Endorsed Consultant and a College Board reader for 5 years. He has presented at state, regional and national NABT conventions; specializing in teaching evolution, challenging lab activities and using classical biological literature in the classroom. His honors include Distinguished Teacher: White House Commission on Presidential Scholars and is a Tandy Technology Scholars Award Winner.

Pre AP U.S. History **Week 1 NMSU**

Course Description:

This course provides a comprehensive examination of the skills students need in to be successful in Pre-AP U. S. History specifically and Advanced Placement social studies classes in general. Participants will experience today's best practices for teaching history through reading, writing, critical thinking skills, and role-playing. Strategies will also include innovative and practical ways to differentiate instruction and address various learning modalities. Electronic documents of the materials created for this course will be available to the participants which will facilitate bringing the workshop experience back to the classroom.

Topics will include the following:

- AP Communities
- Learning Theories: Applications for Social Sciences
- Analyzing Primary and Secondary Sources
- Analytical skill building through art analysis
- Synthesis Strategies
- Document-Based Question Strategies
- Historiography
- Reading Strategies
- Writing Strategies
- Incorporating Technology
- Differentiating Instruction
- Enrichment and Extension activities
- Best Practices

Lead Consultant: Christine Deitz

Christine Deitz teaches Pre-AP social studies in grades six through eight in Little Rock, Arkansas. With over 24 years of classroom experience, Christine is known for her innovative teaching strategies and techniques and regularly presents at state and national conferences. In recent years, she received several fellowships to study in China, Japan, and Europe. In 2000, Christine's original curriculum unit featuring the Oregon Trail received national recognition from the National Association of Gifted Children. In addition to working as an adjunct instructor at the University of Arkansas, Little Rock (UALR) and consulting for the College Board, she is a National Board Certified Teacher in social studies. Christine earned her BS in Education from Ohio University and M.Ed. from the University of Arkansas, Little Rock. Christine is currently completing her dissertation on curriculum innovations.

Pre AP World History
Week 2 UNM

Course Description:

The focus is to assist Pre-AP teachers with strategies and lessons that will help them prepare students for a seamless transition from a foundation-setting Pre-AP course to successful performance in Advanced Placement courses. Sessions will utilize a wide variety of world history lesson/curriculum.

Topics include document-based questions, formula based essay writing, point of view and categorization exercises which enhance interpretive analytical skills, discussion/debate strategies dealing with controversial subjects etc. Specific historical topics will also include women, disease, technology, art, government, religion, exploration, and cultures around the globe which have impacted the human story.

The goal is to provide teachers with a storehouse of activities that can be immediately used in the classroom.

Targeted toward experienced, as well as inexperienced teachers.

Participants should bring a favorite lesson to share.

Lead Consultant: Bobette Hewgley

Bobette Hewgley earned her master's degree in political science from the University of Arkansas. She has 25 years of experience in education, including 12 years as a College Board consultant. She has taught AP Government, AP European History, Pre-AP World History, and Pre-IB (International Baccalaureate) World Area Studies. She currently teaches as an adjunct instructor at Austin Community College in Austin, Texas.