

	<b>Brief Description of Program(s) and Services Offered for K-12 Teachers</b>
Susan Farren, Jeannie Carlisle & Anna Alderman <b>College of Medicine</b> Office of Outreach and Multicultural Affairs	Med Start - High School Juniors Health Clubs AZ Health Career Academy Health Career Curriculum
Liz Barta <b>College of Pharmacy</b> Az Poison & Drug Information Center	The poison center provides poison information and treatment as a state wide help line. We also have public education and outreach materials. We can provide Train the presenter trainings for teachers in poison prevention for pre-school through 1st grade and high school students. For other grades, we have materials and resources for poison prevention education.
Denise Spartonos <b>Arizona Cancer Center</b> Skin Cancer Institute	Sun safety and skin cancer prevention lessons for middle and high school students
Nicole Santangelo Outreach Coordinator, SAGUARO <b>College of Science</b> Geosciences	<p>The Southern Arizona Geosciences Union for Academics, Research, and Outreach (SAGUARO) provides research internships for high school and undergraduate students while promoting Geosciences Education and Outreach to the general public.</p> <p>At last year's Teacher Day, we brought our Stream Table activity to demonstrate active geomorphology and stream dynamics with instructions for classroom reproduction.</p> <p>This year, we would like to bring our Comet activity. We will be making comets with common household ingredients in addition to dry ice. Once again, we will supply classroom instructions for activity reproduction as well as information for student internships. As with all of our outreach events, we will have mineral specimens for teachers and families to take home!</p> <p>If possible, we would like to request a table outside of the Flandrau Science Center, as we have done many outreach events with them in the past. Also, our activity content best couples with the space exhibits on display inside.</p> <p>SAGUARO is looking forward to another exciting Teacher Day!</p>

<p>Jeannie Carlisle  <b>UA College of Medicine</b>  Office of Outreach &amp; Multicultural Affairs</p>	<p>High school</p>
<p>Brandon Moak  <b>College of Agriculture and Life Sciences</b>  Cooperative Extension, Maricopa County</p>	<p>Online Course (K-12): teachers can received professional development credit while learning about Arizona's specialty crop industry. As part of the course, teachers will then teach lessons on these subjects in their classroom with provided lessons aligned to Arizona's Academic Standards and report and discuss this with other enrolled teachers.</p> <p>Career Choices Website (9-12): a website with short video clips from UA students, professors, and alumni who answered questions that high schools asked regarding college in general, the degrees they pursued, what its like in their career, and how the UA programs are designed to make them competitive in the field.</p> <p>Summer Agricultural Institute (K-12): The Summer Agricultural Institute (SAI) is a five-day tour designed to teach K-12 teachers about food and fiber production and help them incorporate that knowledge in the classroom curriculum. SAI combines hands-on learning about agriculture with practical curriculum development. SAI provides participants with free classroom materials that are aligned with Arizona's Academic Standards. SAI takes you onto agricultural operations and into the research lab. You will also spend one afternoon and evening with a family on a modern-day working farm or ranch.</p>
<p>Jennifer Walz  <b>Arizona Athletics Department</b>  Office of Community Relations, Special Events and Jim Click Hall of Champions</p>	<p>Club Arizona is an exciting kid's club that connects youth in grades K-12 with college by engaging them in a variety of activities at The University of Arizona.</p> <p>Club Arizona wants you to discover your passions and talents by experiencing all of the different activities that take place on The University of Arizona campus.</p> <p>As a Club Arizona member, you will receive a wide variety of benefits including:</p> <ul style="list-style-type: none"> <li>- A Club Arizona identification card</li> <li>- Reduced admission to a select number of Arizona Athletics events, the Biosphere 2 and other special events</li> <li>- News and information about UA events, camps and special programs</li> </ul> <p>Becoming a member is easy and best of all its free! Visit our website at <a href="http://www.clubarizona.org">www.clubarizona.org</a> for more information.</p>

<p>Carole Beal  <b>Science</b>  SISTA</p>	<p>Teach Ourselves is a free online program to support math and science problem solving and problem creating activities. Students research math and science topics, develop their own problems and help items, and then share them with other students. Students earn points and virtual badges for solving and creating materials, using video, animation tools and other multimedia. Teach Ourselves has been used with middle and high school students with positive impact on skills and interest: "More fun than watching someone give you a lecture about stuff." "Creating problems is fun." "You actually get something from working hard!"</p>
<p>Wendi Rountree  <b>Office of Community Relations</b>  UA Visitor Center</p>	<p>The UA Visitor Center Middle School Campus Tour program offers guided or self-guided tours of the UA Campus to students in grades 6 through 8. Information about these tours can be found at <a href="http://externalrelations.arizona.edu/community_visitor.cfm">http://externalrelations.arizona.edu/community_visitor.cfm</a></p>
<p>Center for Middle Eastern Studies  <b>College of Social Behavioral Sciences</b>  CMES</p>	<p>The Center for Middle Eastern Studies, a U.S. Department of Education-funded National Resource Center on the Middle East, offers a wide variety of programs and resources for K-12 teachers. CMES regularly organizes Saturday workshops and intensive summer programs (both here and abroad). We also provide guest speakers to LOCAL teachers, have a website with over 70 lesson plans and other resources listed by grade level and content areas, update teachers via listserv announcements on a wide range of professional development opportunities and resources, and maintain a lending library of books, videos, culture kits, and music for classroom use.</p>
<p>Yamila El-Khayat  <b>Arizona Health Sciences Library</b>  Health Sciences Library</p>	<p>This booth features information on consumer health information, easy to read information for research purposes (health related) and also information on curriculum for different grade levels on activities that could be held with students in science course.</p>
<p>Sara Chavarria  <b>College of Education</b>  Dean's Office</p>	<p>Outreach programs: Passport to High School - This week long summer institute prepares incoming high school students on how to use their high school experience to be ready for college success.</p> <p>Careers in Education: Featuring information about the graduate degrees (Masters and PhD), endorsements, and certification programs through the College of Education's four departments: Teaching, Language, and Sociocultural Studies; Disability and Psychoeducational Studies; Educational Psychology, and Education Policy Studies and Practices.</p>

<p><b>Special Guest</b>  <b>United States Library of Congress</b>  <b>Washington, DC</b></p>	<p>Library of Congress' Treasure Trove of Resources  Engage students and build critical thinking skills! Join Library of Congress staff for hands-on activities that you can use with students and colleagues. Return to your school with free access to millions of primary sources.</p> <p>The Library shares its collection of nearly 20 million digitized artifacts, offering guidance and support to enrich classrooms through the Teaching with Primary Sources program. Providing access to free, easy-to-use teaching tools, the program empowers teachers to fundamentally change how students think and learn.</p> <p>In addition, the Library of Congress and its network of partners offer professional development onsite, online and in communities across the nation. The Teaching with Primary Sources program also provides grants and professional development materials to local school districts, libraries and media centers to extend its national network for educators.</p>
<p>Jennifer Stansel  <b>Campus Recreation</b></p>	<p>UA Challenge Program</p> <p>In a high-potential, extremely positive environment, your teams will be challenged to solve problems by seeking solutions. Team members will strategize collaboratively, creating plans and implementing lessons learned through their challenge experience. Facilitators will intentionally debrief initiatives, focusing on the transfer of newly discovered guiding principles that relate to actual challenges faced at work.</p> <p>Our unique low and high challenge courses were constructed in March 2011, and offer powerful learning experiences for groups of 8 to 72 on our low elements and up to 40 participants on our Odyssey III (high course) working in teams of 6 to 8, accompanied by a trained facilitator. Our course offers an indoor meeting area, facilitation stations, catered food services, covered dining areas and other amenities providing your group a year round setting in a productive and stimulating environment.</p> <p>This program is ideal for students above 12 years of age.</p>

<p>Michelle Kuhns  <b>College of Social and Behavioral Sciences</b>  Latin American Studies  (ASM location)</p>	<p>The Center for Latin American Studies offers a variety of materials, including curriculum units, videos and books, available on loan to K-12 Educators and University Professors. Lessons are available for all K-12 grade levels.</p> <p>Also, the Center for Latin American Studies regularly offers workshops for K-12 teachers. During each session a group of educators interested in Latin America meet to explore specific topics related to the Latin world. We engage in presentations from university faculty and community experts at an academic level to satisfy their personal interest and knowledge. We also discuss ways to incorporate such information into the K-12 curriculum. Many lessons found in our collection were derived from these dialogue sessions.</p> <p>Our student speakers bureau is designed to serve as a resource for K-12 teachers. Our graduate students have given talks on Mexico, Peru, NAFTA, Border Issues, Day of the Dead, Tourism and Sustainable Development.</p>
<p>Julia Olsen  <b>College of Education</b>  MASTER-IP Program</p>	<p>The Math &amp; Science Teacher Education/Retention Industry Partnerships (MASTER-IP) Program is a program especially designed for middle- and high-school STEM Teachers.</p> <p>The program fosters a unique connection between the workforce and the classroom by giving teachers paid internship opportunities in businesses during the summer. Businesses gain from the professionalism and expertise of a teacher, and teachers bring their real-world internship experiences back to students.</p> <p>Teachers are simultaneously enrolled in either a Master's of Arts program in Teaching and Teacher Education, or they can opt for a single-summer professional development program.</p>
<p>Debora Levine-Donnerstein and Heidi Legg Burross  <b>College of Education</b>  Dept. of Educational Psychology</p>	<p>Educational Psychology offers MA and PhD degree programs. In addition, we offer certificates in Motivating Learning Environments and Educational Research Methodology for graduate students throughout the university.</p>
<p>Heather Ingram  <b>BIO5 Institute</b></p>	<p>Education Outreach support from BIO5 consists of three components for classroom support and professional development:</p> <ul style="list-style-type: none"> <li>*Classroom visits conducting Biotechnology/Molecular Biology activities in middle school and high school classrooms.</li> <li>*Equipment and material support for teachers to conduct activities independently in middle and high school classrooms.</li> <li>*Professional development for K-12 Teachers.</li> </ul>

<p>Becky Barry  <b>College of Agriculture and Life Sciences</b>  School of Family and Consumer Sciences</p>	<p>The Take Charge America Institute's mission is to create research-based educational outreach programs to improve financial literacy and help consumers to make informed financial choices in today's complex markets. TCAI has developed an array of financial education outreach programs. First, the Family Economics and Financial Education project provides educators with ready-to-teach curriculum materials free of charge and the skills and confidence to effectively teach personal finance. Also, the Credit-Wise Cats is a program comprised of 12 to 15 University of Arizona students who provide personal financial education to college students and students in grades K-12 in the greater Tucson community. The Credit-Wise Cats are extensively trained by the Take Charge America Institute faculty and staff to provide community outreach through presentation of money management workshops that focus on the core topics of spending plans, saving, credit cards and credit reports.</p> <p>Resources:  Teacher Programs  Programs for Second Schools Students  Workshops by the Credit-Wise Cats  Curriculum</p>
<p>Marti Lindsey  <b>College of Pharmacy</b>  Southwest Environmental Health Sciences Center</p>	<p>Materials for teaching science, social studies, language arts, and math are available online.</p>
<p>Mike Mayer  <b>College of Education, Dept of TLS</b>  Cooper Center for Environmental Learning</p>	<p>The Cooper Center offers a variety of full day, overnight, and multi-night outdoor experiences for K - 8 students and teachers. Primary grades will explore the desert neighborhood to discover its wonders and beauty. Intermediate and middle school students can participate in experiences that focus on ecosystems, adaptations, ecological concepts and deepening feelings for the natural world.</p> <p>Multi-night programs include Earthkeepers for upper elementary and Sunship III for middle school. The site is available for high school classes who wish to use an outdoor setting for their learning experiences.</p> <p>The facility is also available for meetings, retreats, or gatherings on a rental basis.</p>
<p>Sharon Miller  <b>College of Humanities, Dept. of English</b>  Southern Arizona Writing Proejct</p>	<p>The Southern Arizona Writing Project (SAWP) began in 1978. During the past twenty-eight years, over four hundred Arizona teachers have attended SAWP Summer Institutes. These past Fellows or Teacher/Consultants are eligible to be active members of the SAWP network, available to provide in-service programs in their areas of specialty to participating school districts. Since 1991, over three thousand teachers have taken workshops conducted by</p>

	<p>Fellows, demonstrating the successful multiplying effect of the teachers teaching teachers model.</p> <p>SAWP is a unique affiliate of the National Writing Project (NWP) because of the large area and diverse culture in southern Arizona. The SAWP institute is made up of K-16 teachers representing five counties along the entire Arizona-Mexico border.</p> <p>SAWP's mission is to bring together ethnically diverse, K-University, teachers from urban and rural areas so that they can learn about the most current research and practices in the teaching of writing.</p>
<p>Marge Carpenter  <b>Pima County Cooperative Extension 4-H</b></p>	<p>K-12 educational resources: Science &amp; Technology, Animals &amp; Plants, Family &amp; Consumer Science. Summer Camps: Media 4-H Camp; Journey into Opportunities for Leaders of Tomorrow (JOLT)-Teens; National Camp: Citizenship Washington Focus (CWF)-Teens; Western Regional Leaders' Forum (WRLF)-Adults &amp; Teens; International Exchange Program-Teens. Pima County 4-H Community Clubs: 4-H Membership offers: Educational, leadership &amp; community service programs. Workshops, projects &amp; programs directed for youth development by adult volunteers &amp; extension specialist. Youth building life skills &amp; experience FUN by learning-by-doing projects. Projects may include: animal, home arts, leadership, shooting sports &amp; gardening; special interest: 4-H Genealogy, guide dog program, nutrition with Tucson Village Farm 4-H Club.</p>
<p>Letty Gutierrez  <b>College of Education</b>  Student Services for Undergraduates</p>	<p>Will provide information on undergrad programs to K-12 teachers, opportunities for classroom visits.</p>
<p>Elleanor Warder  Natural Science for Teachers M. S. Program  <b>College of Science</b>  Teacher Preparation Programs</p>	<p>The Natural Science for Teachers M.S. Program is designed for middle and high school biological science teachers. The majority of the course work is conducted during the summers, allowing the participants to continue to teach full-time. Requirements include courses in biology and current teaching practices, a biology research experience, teaching a workshop, and writing a thesis. A typical teacher will take 4 years to complete the degree requirements. Some scholarships are available through 1) the TEACH Grant Program; and 2) partial tuition waivers each fall and spring semester.</p>
<p>Jeanne L. Pfander  <b>University Libraries</b></p>	<p>The University Libraries and Center for Creative Photography provide a wide variety of community outreach and engagement opportunities, including public lectures, exhibits and the Lesson Link database for K-12 educators. In addition, for the first time this year, the Library is offering a 1-day workshop for students in grades 9-12 titled "Mystery in the Stacks! Track Down Information Like a Wildcat!".</p> <p>Outreach activities at the University Libraries support the UA's goals for recruitment, retention</p>

	<p>and its land grant mission by providing events, programs and services that introduce and facilitate access to the libraries' rich and diverse information resources.</p> <p>For more information, e-mail Jeanne Pfander (pfanderj@u.library.arizona.edu).</p>
<p>Cheryl Craddock  <b>College of Science</b>  Department of Computer Science</p>	<p>We have undergraduate ambassadors who are able to give presentations and activities demystifying computer science to middle and high school classes and clubs. We are interested in working with K-5 teachers to develop age-appropriate activities. We are also interested in collaborating with teachers who would like to learn introductory programming skills or ways to inject computer science principles into their curricula.</p>
<p>Etta Kralovec/Sally Holcomb  <b>UA South</b>  Teacher Education</p>	<p>UA South is pleased to announce an exciting new 5-year Transition to Teaching grant. Under this grant, the program offers opportunities for STEM professional development and mentoring to teachers in partner Title 1 schools in Cochise and Santa Cruz Counties.</p> <p>The program also offers undergraduate students in STEM fields an opportunity to earn teacher certification and an M.Ed in Secondary Education. Generous stipends are paid to individuals committed to teaching in Title 1 schools in border communities in these counties. First cohort starts in June.</p>
<p>Elizabeth Roberts  <b>UA Graduate College</b></p>	<p>Peace Corps and Graduate Research Fellows k-12 Outreach</p>
<p>Todd Fletcher  <b>College of Education</b>  Department of Disability and  Psychoeducational Studies</p>	<p>Master's program in Cross-Categorical Special Education/College of Education  Verano en México Summer Study Abroad Program (Immersion program in Guanajuato Mexico for Teachers/Service Learning Projects)</p>
<p>Bruce Johnson/Toni Griego-Jones  <b>College of Education</b>  Teaching, Language, and Sociocultural  Studies</p>	<p>Graduate programs (Masters and Ph.D.) in the Department of Teaching, Learning, &amp; Sociocultural Studies. There are two program options - Teaching &amp; Teacher Education or Language, Reading, &amp; Culture.</p>
<p>Leech  <b>UA Poetry Center</b></p>	<p>We provide programming, such as Family Days, Field Trips, Matinee Programs, and Summer Camps, for elementary school teachers. Also for elementary school teachers, we provide free teaching materials, such as our book Verse, which helps teachers integrate creative writing, particularly poetry, into their classrooms.</p> <p>For high school teachers, we provide several programs and contests, such as The Poetry Out Loud Program, The Corrido Contest, Family Days, Summer Camps, Field Trips, and Matinee Programs. We also provide materials, such as teacher training handbooks and CDs, for our Poetry Out Loud program. In addition, we provide CDs and anthologies of our Corrido Concert</p>

	<p>and Awards Ceremony.</p> <p>At the Teacher Day event, the Poetry Center would like to have a table that we would supply with fliers for upcoming events, such as Family Days and Summer Camps, as well as other materials for both elementary and high school teachers.</p>
<p>Lisa Falk  <a href="#">Arizona State Museum</a></p>	<p>Teachers can sign in to receive Teacher Professional Development certificates for participating in activities related to Mexican history and culture and to American Indian Basketry. Also learn about resources the Arizona State Museum offers classroom such as tours and exhibit-related activities.</p>
<p>Barry Roth  <a href="#">College of Education</a>          Teach Arizona Program</p>	<p>Teach Arizona is a one-year master's degree program for people who have earned a bachelor's degree and want to become middle or high school teachers (grades 7-12). All students begin together, take coursework together, and finish as a group. Coursework begins in UA's pre-session semester in May and culminates with commencement the following May. Students intern in public schools for the full school year. <a href="http://www.coe.arizona.edu/ta">http://www.coe.arizona.edu/ta</a></p>
<p><a href="#">College of Humanities</a>          Humanities Seminars Program</p>	<p>The Humanities Seminars Program offers the highest-quality adult education at the University of Arizona. The seminars are perfect for teachers exploring new topics, refreshing their insights in preparation for their own classes, and just curious about the world.</p> <p>This summer our courses range from law to theater and film, from classic literature to vaudeville. Each course is taught by present or former University of Arizona faculty, selected for their scholarly accomplishments and exceptional teaching abilities. Each class meets once a week for four weeks.</p> <p>Classes are given in the Dorothy Rubel Room in the Helen S. Schaefer Building, one block north of Speedway and three blocks west of Campbell. There is convenient and plentiful parking across the street.</p> <p>You can find out more about the seminars at <a href="http://hsp.arizona.edu">http://hsp.arizona.edu</a>, where you can see videos of professors previewing their courses. We look forward to seeing you in the seminars.</p>
<p>Tyrone Copeland  <a href="#">College of Education Alumni Council</a></p>	<p>The University of Arizona College of Education Alumni Council participates in services (Lectures, Fundraising and Homecoming activities), which generates scholarships for students and teachers in the College of Education. Are you graduate of the UA College of Education? Stop by and learn more about what we can do for you.</p>
<p>Keith Boesen  <a href="#">College of Pharmacy</a>          Arizona Poison and Drug Information Center</p>	<p>PharmTalk. A series of short videos, about 5min in length, discussing the various fields of pharmacy within the profession. It is a fun, upbeat video series interviewing different pharmacists with different jobs in the community. The purpose is to have a fun, interesting introduction to what a pharmacist does.</p>

<p>Guadalupe Lozano  <b>College of Science</b>  School of Mathematical Science</p>	<p>Mathematics for K-12 teachers! The School of Mathematical Sciences will showcase some of the PD and outreach programs loved by our local K-12 mathematics teachers. Stop by, say hello and take a look at our</p> <ul style="list-style-type: none"> <li>- Mathematics PD workshops for middle and high school teachers</li> <li>- Career support programs for beginner mathematics teachers</li> <li>- Local teacher conferences, like our annual Mathematics Educator Appreciation Day (MEAD)</li> <li>- Math and Parents Partnerships (teachers help raise school-age students competencies with parent involvement)</li> <li>- Math fun for students and teachers, featuring the Arizona Mathematics Roadshow</li> </ul> <p>...and more!</p>
<p>Patrick Bryan and Rudy McCormick  <b>Early Academic Outreach</b></p>	<p>The Office of Early Academic Outreach's mission is to increase the number of low-income, minority and first-generation college-bound students who aspire to attend and are eligible to enter a university degree program.</p> <p>We seek to engage the teaching community in the promotion of a college-going culture that begins with aspirations in elementary school, continues with planning in middle school, and culminates in being academically prepared to competetively apply for scholarships and colleges in high school.</p> <p>Every day our students interact with teachers who are college graduates. Join us in creating a college-going culture that emphasizes to students the need to aspire, to plan, and to apply to college. Start Now! by visiting our website at: <a href="http://startnow.arizona.edu">startnow.arizona.edu</a></p>
<p>Kerry Schwartz- Director, Rachel Sandler- Coordinator, Logan Byers- Presenter  <b>College of Agriculture and Life Sciences</b></p>	<p>Arizona Project Water Education for Teachers (APW WET) offers a teacher-tested, water-related curriculum at no cost to teachers via hands-on, motivating workshops. These workshops provide research-based instructional strategies to assist students in meeting rigorous academic standards.</p> <p>This curriculum is correlated to Arizona state standards for K–12 grade levels and in all curricular areas, including science, language arts, social studies and math. APW workshops recommend the use of overarching questions that meet unit objectives and focus questions that start the inquiry process for each lesson that is taught. Students learn as individuals and in collaborative learning groups to think critically about content and apply it to problem solving.</p> <p>After the workshop, APW continues to support teachers in the classroom by making interactive teaching tools and other resources available to WET program alumni.</p>

Maria Schuchardt  
**College of Science**  
Lunar and Planetary Laboratory/Space  
Imagery Center

The Space Imagery Center, a NASA Regional Planetary Image Facility, gives teacher workshops on the Solar System, and is available to come to schools for hour long presentations on impact cratering, phases of the Moon and the planets. Grades 1-8.