

National Science Foundation gives grant to APSU

The National Science Foundation (NSF) recently approved a federal grant to fund a high-performance computer cluster to support multidisciplinary research at Austin Peay State University.

Totaling \$176,177, the NSF project will be led by Dr. Alex King, associate professor of physics and principal investigator. Dr. Jaime Taylor, professor of physics and chair of the department of physics and astronomy, will serve as co-principle investigator.

In Fall 2006, King and Taylor were applauded nationally for developing physics courses that innovatively integrate computing. From more than 250 entries, they were one of four winners in an initiative by Computing in Science and Engineering (CiSE) magazine. The paper they co-authored, "Computation in Undergraduate Physics Courses," was published in CiSE.

Working with them are six senior investigators: Dr. Kevin Schultz, assistant professor, and Dr. Allyn Smith, associate professor, both in the department of astronomy and physics; Dr. Rebecca Jones, assistant professor of chemistry; Dr. William (Bud) Glunt, professor, and Dr. Sam Jator, associate professor, both in the department of mathematics; and Dr. Jim Vandergriff, associate professor of computer science.



King

"We're excited about the grant," King said. "It's the largest pure research grant we've ever gotten in physics." In reality, during the past 10 years, APSU has received only two National Science Foundation grants,

totaling about \$33,000.

According to King, the grant will fund a high-performance computing-cluster facility, consisting of 16 dual-core, dual-processor machines—making a total of 64 processor cores.

The facility will support research in such diverse areas as variable stars, protein folding, atomic physics, structural engineering, numerical solution of high-order differential equations and optimization of linear systems of equations.

King said, "All of these projects will include student researchers, and the experience acquired by faculty and student investigators will allow them to bring a new perspective into the class-

room in advanced courses like Computational Methods, Applied Mathematics and Differential Equations."

To be housed in the Sundquist Science Building, the facility will support classroom learning, with two weeks of computer time on the cluster per semester designated for undergraduate projects associated with coursework.

King said, "This will allow students to gain parallel processor computing experience through capstone projects in the computational methods, mathematics and computer science classes."

Besides providing exceptional experiences for APSU students and faculty, Taylor points out that the cluster complements the new Governor's School in Computational Physics at APSU.

For more information, contact King by telephone at (931) 221-6102 or by e-mail at kinga@apsu.edu. -- *Dennie B. Burke*



Taylor

Local alumni to host hospitality tent at Govs football home game

Austin Peay State University's football fans have good reason to celebrate this fall: The Governors are returning to the Ohio Valley Conference and scholarship football, and an APSU alumnus and former Govs football star, Rick Christophel, is the team's new head coach.

Joining in the celebration is the APSU National Alumni Association. Throughout the season, various alumni chapters will sponsor a hospitality tent at each game—and local chapter members are encouraged to attend all games—especially the game at which they are the hosts.

The alumni hospitality tent will be set up from 4:50-6 p.m., except for the Nov.

10 game, as noted below. The name of the alumni chapters and game times are:

*Cheatham County Chapter— 6 p.m., Saturday, Sept. 1, APSU vs. Bethel

*Greater Nashville Chapter— 6 p.m., Saturday, Sept. 15, APSU vs. Tennessee State

*Montgomery County Chapter— 6 p.m., Saturday, Sept. 22, APSU vs. University of Tennessee-Martin (Homecoming)

*Robertson County Chapter— 6 p.m., Saturday, Oct. 11, APSU vs. Jacksonville State

*Tri-Counties of Kentucky (Logan, Trigg, Todd)— 6 p.m., Saturday, Nov. 10, APSU vs. Eastern Kentucky

SEE FOOTBALL, PAGE 2

Nashville photographer to showcase his series

Austin Peay State University Department of Art and the Center of Excellence for the Creative Arts present an exhibition of photographs by a noted Nashville photographer.

Jack Spencer will showcase his collection, titled "Recent Works," from Sept. 4-23 in Trahern Gallery. He will showcase several series of his photos, including images about the South and photos taken in Mexico. His portraits of Sudanese refugees also will be a part of the presentation.

Spencer also will give a public talk at 7 p.m., Thursday, Sept. 20 in Trahern, Room 401. He will present a survey of

On the Web

To see Jack Spencer's work, go online to www.jackspencer.net.

his work and discuss its evolution.

According to his Web site, www.jackspencer.net, Spencer said he considers all forms of artwork to be "portraiture."

"This is true not only in the photographic arts but also in music, literature
SEE SERIES, PAGE 2

INSIDE THIS EDITION

POETRY READING

Award-winning poet, Mark Jarman, will present a collection of his work on campus next month.

Page 2

FACULTY HAVE BUSY SUMMER

Read in the Plaudits section of this newsletter to learn more about the papers, conferences and projects of APSU faculty.

Page 2

FALL CLASSES IN THE ARTS

The Community School of the Arts has scheduled a number of classes and sessions in music and visual arts.

Page 3

FOOTBALL: Alumni urged to host in hospitality tent, cheer on the Govs

FROM PAGE 1

(Hospitality tent will be open from 11 a.m.-12:30 p.m.)

To volunteer to serve as host in the alumni hospitality tent, please contact Shelia Boone, director of alumni and annual giving, by telephone at least one week prior to the game.

Boone, who also serves as executive director of the APSU National Alumni Association, said, "These hospitality tent functions provide an excellent opportunity for alumni from specific areas to get involved and show support for their local chapter and for APSU.

"They can reunite with college classmates and meet new alumni and friends. It's a great chance for networking also."

Alumni and friends are welcome to stop by and visit with local chapter

representatives. Alumni will have an opportunity to confirm their current contact information, pick up APSU memorabilia and enjoy complimentary refreshments.

"Many of us remember the excitement and rivalries when we used to play OVC football, and we're really looking forward to the 'Return to Tradition' this fall and the promise of great things to come," Boone said. "For alumni, it's a chance to get behind one of our own—alumnus and head coach, Rick Christophel."

Boone said she encourages alumni to come early to participate in the tailgating activities before heading into the stands to cheer on the Govs. "We want to make every game a memorable experience," Boone said.

To volunteer or for more information, contact Boone by telephone at (931) 221-7979 or toll free at 1-800-264-2566. -- *Dennie B. Burke*

SERIES: Nashville photographer to exhibit work in Trahern Gallery

FROM PAGE 1

ture, painting or sculpture," he stated on the Web site. "The person creating is always reflected in the effect of the final creation."

Susan Bryant, an art professor at APSU, helped select the works for Spencer's exhibition.

"Jack's work is truly beautiful. We are so delighted to be able to share this work with our students and the

Clarksville community," she said. "There are so many different kinds of pictures in the exhibition. They show that Jack is always searching for new approaches to his work and are evidence of his great curiosity about the world."

For more information about the exhibition, visit Spencer's Web site, or contact the APSU Department of Art by telephone at (931) 221-7333. -- *Melony A. Jones*

Award-winning poet to read from collection

Austin Peay State University will host a poetry reading by award-winning poet Mark Jarman, whose latest collection of poems will be released this fall.

The reading is scheduled for 8 p.m., Wednesday, Sept. 12 in the Kimbrough Building, Gentry Auditorium. A book signing and reception will follow the event.

Jarman also will hold an informal discussion on the craft of poetry with APSU students and faculty at 2:30 p.m., Sept. 12 in Harned Hall, Room 117.

The APSU Center of Excellence for the Creative Arts is sponsoring the reading.

Jarman, a professor of English at Vanderbilt University, Nashville, will have his latest collection of poems, titled "Epistles," released in October by Sarabande Books. He is the author of eight other books of poetry, including "To the Green Man" in 2004 and "North Sea," pub-



Jarman

At a glance

Mark Jarman will present a poetry reading at 8 p.m., Wednesday, Sept. 12 in the Kimbrough Building, Gentry Auditorium.

lished in 1978.

His awards include a Joseph Henry Jackson Award for his poetry in 1974, three National Endowment for the Arts grants in poetry in 1977, 1983 and 1992 and a fellowship in poetry from the John Simon Guggenheim Memorial Foundation for 1991-92.

Also, Jarman's book, "The Black Riviera," won the 1991 Poets' Prize. His "Questions for Ecclesiastes" was a finalist for the 1997 National Book Critics Circle Award in poetry and won the 1998 Lenore Marshall Poetry Prize from the Academy of American Poets and The Nation magazine.

For more information about Jarman's upcoming reading, call the center at (931) 221-7876. -- *Melony A. Jones*

PLAUDITS

Dr. Stephen Truhon, assistant professor of psychology, was awarded the 2007 J.R. Kantor Research Fellowship from the University of Akron in Ohio.

The fellowship will enable Truhon to visit the university's archive's for his research on important African-American psychologists in the first half of the 20th century.

Dr. Culley Carson-Greffe, associate professor of French and Spanish, attended the conference, *Desmarginalización y Nuevas Corrientes Literarias y Lingüísticas en América Latina*, Aug. 2-4 at the Universidad Nacional Mayor de San Marcos in Lima, Peru.

She presented a paper, titled

"Monique Wittig: El Cero Embarazado," at the conference.

Dr. Sergei A. Markov, assistant professor of biology, has had two papers published over the summer.

His paper, "Biohydrogen: potential of using algae and bacteria for molecular hydrogen production" was published in the *International Scientific Journal of Alternative Energy and Ecology*.

Markov co-authored the paper, "Recruitment of RNA polymerase II in the *Irfng* gene promoter correlates with the nuclear matrix association in activated T helper cells," in the *Journal of Molecular Biology*.

ANNOUNCEMENTS

Todd Hill and his Orchestra, a swinging big band like those of the 1930s and '40s, will perform at 7:30 tonight in the Music/Mass Communication Concert Hall. This group, led by pianist/singer Todd Hill, will play standards from the swing era with arrangements from famous big bands. Admission is \$10. For more information, call the department of

music at 221-7818.

Can't log on to AP OneStop with your AP Self-Service password? Try logging on to AP Self-Service and changing your password. Within 15 minutes, you should be able to access AP OneStop with your new password. For more information, call Steve Wilson, 221-1294.

InnerAction

Submit announcements or other items for consideration to Melony A. Jones, jonesma@apsu.edu.

E-newsletter for faculty and staff

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Community School of the Arts announces fall sessions

The Community School of Arts at Austin Peay State University announces classes for Fall 2007.

Most classes are under way. However, enrollment is ongoing, and new students may continue to enroll.

For more information about any of the classes or to register, contact JoAnn McIntosh, coordinator of the Community School of the Arts, by telephone at (931) 221-7508 or by e-mail at csa@apsu.edu.

Music

Individual Music Instruction –

Students receive one-on-one instruction for 30 minutes each week. Lessons available on bass, bassoon, cello, clarinet, flute, guitar, horn, oboe, piano, saxophone, trombone, trumpet, violin or voice. Lessons take place weekday afternoons and evenings in the Music/Mass Communication Building. There are 14 lessons per semester and an end-of-semester recital. The age levels are 4 and older for Suzuki violin method, 7 and older for guitar, piano and other instruments and 13 and older for voice lessons. Adults are welcome as beginners or continuing students in all areas. Fee: \$280/semester

Music Theory Part 1 – JoAnn McIntosh, instructor. Designed for high school students and adults who already study an instrument or voice. 6:30-7:30 p.m., Thursdays beginning Aug. 30, Music/Mass Communication Building, Room 235. Fee: \$60/semester.

Class Piano for Adults – A complete hands-on experience for the adult beginner only. Learn to play the piano and read music in a relaxed, enjoyable group setting. No prior music training necessary. 14 weeks, 7-8 p.m., Mondays, beginning Aug. 27. Fee: \$140, materials included.

Clarksville Youth Chorus – Ages 8-12. Lisa Conklin-Bishop, director. Any child, age 8-12, is encouraged to participate. All interested students, new and returning, should attend the informational meeting with a parent/guardian at 6 p.m., Monday, Aug. 27. Regular rehearsals are from

6-7:15 p.m. Mondays, beginning Sept. 10 in the Music/Mass Communication Building, Room 147. Fee: \$70/semester.

Clarksville Teen Singers – Ages 13-18. Jared Wilson, director. This is a unique and challenging singing experience for high school students. All interested students, new and returning, should attend the informational meeting at 7 p.m., Tuesday, Aug. 28. Auditions for new students will be held immediately following the meeting. Regular rehearsals are from 7-8:15 p.m., Tuesdays, beginning Sept. 4 in the Music/Mass Communication Building, Room 147. Fee: \$70/semester.

Clarksville Community Chorus – Ages 18 and older. Valerie Oyen-Larsen, director. Enjoy an enriching semester of rehearsing and performing music of various historical eras and styles with other adults who enjoy choral singing. Serious and lighter music, as well as seasonal selections, will be prepared for community and formal performances. Please call to schedule an audition. Returning members need not re-audition. Regular rehearsals are from 7:30-9 p.m., Thursdays, beginning Aug. 30 in the Music/Mass Communication Building, Room 147. Fee: \$75/semester.

Piccolo Strings – For young string players. An opportunity for young violin, viola, cello and bass students to experience the enjoyment and benefits of ensemble playing. Through rehearsals and performances, students will learn how to play in an orchestra setting. This will be a fun yet essential experience for students to prepare for the Youth Orchestra. Participation in the group is allowed based on teacher's recommendation. The group will give an end-of-semester concert as well as other public performances. Regular rehearsals are from 6-7 p.m., Mondays, starting Sept. 10, Music/Mass Communication Building, Room 237. Fee: \$60/semester.

Clarksville Youth Orchestra – For middle- and high-school string, wind

and percussion students, by audition only. Auditions will be held at 6 p.m., Monday, Aug. 27 in the Music/Mass Communication Building, Room 152. Regular rehearsals are from 6-8 p.m., Mondays, beginning Sept. 10. Fee: \$100/semester (strings), \$70/semester (winds/percussion).

Middle School and High School

Flute Choirs – JoAnn McIntosh, director. Grades 7-8 and grades 9-12. This is a unique opportunity for flute students to develop musicianship and performance skills in a small ensemble setting. Students have the chance to perform in recitals, community events or in concert with the APSU Flute Choir. Middle School Flute Choir will be from 5:30-6:30 p.m., Tuesdays, beginning Aug. 28 and the High School Flute Choir from 6:30-7:30 p.m., Tuesdays, beginning Aug. 28, all in the Music/Mass Communication Building, Room 235. Fee: \$60/semester.

Saxophone Ensemble – For saxophonists with two or more years of playing experience, this performing ensemble will explore a variety of saxophone ensemble repertoire, learn ensemble-playing skills and develop musicianship and performance skills. Day/time TBA. Fee: \$60/semester.

Visual arts

Individual Art Lessons – Ages 7 and older. One-on-one instruction beginning with drawing and progressing to other areas, tailored to the student's own interests. Lessons take place weekday afternoons in the Trahern Building. 14 lessons per semester, beginning Aug. 27. Fee: \$280/semester.

Ceramics 1 – Ages 15 and older. Melody Shipley, instructor. Ceramics is a beginner's course that covers the introduction to both hand-built vessels and the beginning use of the potter's wheel. Students begin with hand building which affords familiarity with the material and techniques, then move to wheel throwing. Eight weeks, 6-8 p.m., Mondays, beginning Sept. 10, Trahern Building. Fee: \$135 plus

\$25 materials fee.

Kindermusik

Classes are taught by Marcina Clark, licensed Kindermusik educator. Classes begin Aug. 28. Sibling discounts are available.

Kindermusik Village – Ages 6-18 months. Village provides a delightful environment unlike any other. Through a unique blend of multilevel activities that includes creative movement, vocal play, object and instrument exploration and a colorful literature component, your baby's growth and development are stimulated and all of his senses engaged. The class meets at 9 a.m., Tuesday or Wednesday in the Music/Mass Communication Building, Room 229. Fee: \$170/semester.

Kindermusik Our Time – Age 18 months-3 years. Our Time encourages your child to uncover an engaging musical world while building confidence, self-control and communication skills. Singing, imitating sounds, rhyming and object identification foster language skills. Creative movement to various musical "moods" develop a sense of balance, timing and spatial awareness. Listening and turn-taking encourage blossoming social skills. The class meets at 10 a.m., Tuesday or Wednesday in the Music/Mass Communication Building, Room 229. Fee: \$185/semester.

Kindermusik Imagine That! – Age 3-4. Imagine That! is designed for active, energetic, enthusiastic and imaginative 3- and 4-year-olds and encourages socialization, sharing and participating in group activities. Singing becomes a focus for enhancing the preschooler's vocal development as her expressive language is beginning to emerge. Parents are invited to participate in the last 15 minutes of the 45-minute class for sharing time. The class meets at 11 a.m., Tuesday or Wednesday in the Music/Mass Communication Building, Room 229. Fee: \$185/semester.



Watch in upcoming issues for more information about APSU's Homecoming 2007.