**Patents & Licenses**

**Patent Awards February 2009**

<table>
<thead>
<tr>
<th>Patent No.</th>
<th>Issue Date</th>
<th>Title</th>
<th>OSU Inventors</th>
</tr>
</thead>
<tbody>
<tr>
<td>7,329,415</td>
<td>2-12-08</td>
<td>Materials Containing Multiple Layers of Vesicles</td>
<td>Nicholas A. Kotov</td>
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<tr>
<td>7,414,088</td>
<td>8-19-08</td>
<td>Polymers Grafted to Carbon Nanotubes</td>
<td>Warren T. Ford and Shuhui Qin</td>
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<tr>
<td>7,456,595</td>
<td>11-25-08</td>
<td>Method and Apparatus for Adaptive Control of a Disk Drive in the Presence of Non-Linear Magnetic Bias</td>
<td>Ryan T. Ratliff and Prabhakar R. Pagilla</td>
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<tr>
<td>7,470,531</td>
<td>12-30-08</td>
<td>Direct-Fed Microbial</td>
<td>Thomas G. Rehberger</td>
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**License Awards February 2009**

<table>
<thead>
<tr>
<th>Licensee</th>
<th>Executed</th>
<th>Title</th>
<th>OSU Inventors</th>
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<tr>
<td>Fire-Dex, LLC</td>
<td>1-7-08</td>
<td>Firefighter’s Drag Rescue Device, Coat and Pant</td>
<td>Donna Branson, Semra Peksoz, and Vince Quevedo</td>
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<td>Aestus, LLC</td>
<td>4-16-08</td>
<td>Electrical Resistivity Data Collection Algorithm</td>
<td>Todd Halihan and Thomas Fenstemaker</td>
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<td>Pickseed USA Inc.</td>
<td>5-1-08</td>
<td>Yukon Bermudagrass</td>
<td>Charles M. Talafarro, Dennis L. Martin and Jeffrey A. Anderson</td>
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<td>The Charles Machine Works, Inc.</td>
<td>9-11-08</td>
<td>Failure Avoidance Effective Silt Fence</td>
<td>Billy J. Barfield, Khaled A. M. Gasem, Ellen Stevens and Sandeep Yeri</td>
</tr>
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<td>Airgo IP, LLC</td>
<td>10-8-08</td>
<td>Gas Flowmeter for Low-Flow Conditions</td>
<td>Marvin L. Stone and John B. Solie</td>
</tr>
<tr>
<td>Agtech Products, Inc.</td>
<td>10-29-08</td>
<td>Direct-Fed Microbial</td>
<td>Thomas G. Rehberger</td>
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</tbody>
</table>
Chic Thompson Opens CREATIVITY FESTIVAL

Chic Thompson, creativity guru to Fortune 500 companies, will open the Creativity Festival with “The Power of Possibilities: Unlocking Creativity and Innovation at OSU” at 9 am in the Student Union Case Study 2. Thompson has given over 1000 presentations and has teamed up with talent ranging from Tony Robbins and Steven Covey to Cirque du Soleil and Second City Improv. His break-out-of-the-box creativity strategies inspire executives, students and children to be curious first and critical second while problem solving.

State of Research

Oklahoma State University has set records for its sponsored programs in 2006, 2007 and 2008. The steadily increasing total for sponsored programs, which includes all research projects underway in the OSU system, shows that OSU researchers are acquiring more grant awards and that overall OSU is enhancing its ability to create technologies that meet the needs of our society. In “State of Research,” Dr. Stephen McKeever, vice president for research and technology transfer, will present an update on the growth of research at OSU. He will give successes, projections and challenges. The presentation will take place on Thursday, Feb. 19 at 9 am in Student Union Case Study 1.

NSF Deputy Assistant Director to Present on Enabling Innovation

Dr. Wanda E. Ward, deputy assistant director for health and human resources at the National Science Foundation, will present “Enabling STEM Talent, Discovery and Tools to Fuel Innovation” on Tuesday, Feb. 17 at 3 pm in the Student Union Case Study 1. Ward, who has served in a number of science and engineering policy, planning, and program capacities in her 17 years with the NSF, believes science, technology, engineering and mathematics (STEM) education and talent development are key to promoting and sustaining an innovative society. In her presentation, she will discuss why it is critical to America’s economic competitiveness and quality of life to strengthen and expand the innovation workforce and enhance its capabilities for creativity and inventiveness through learning, discovery and development in the ecosystem of innovation.

Regents Professor to Speak on OSU Sensor Technology

Dr. John Solie, Regents Professor and Sarkeys Chair in the department of biosystems and agricultural engineering, will discuss the development of the GreenSeeker™ on Thursday, Feb. 19 at 10 am in the Student Union Case Study 1. The optical-based sensor system created by Solie and others at OSU uses reflected light to determine nitrogen fertilizer application rates for field crops. Solie will discuss not only the creation of the sensor system but also the commercialization of the GreenSeeker™ and its extension to farmers in the United States and other countries ranging from Canada to Kenya.

OSU-Tulsa Welcomes the Founder of the Center for Media Literacy

Elizabeth Thoman, founder of the Center for Media Literacy in Los Angeles, Calif., will present “Miracle in Room 33” on Thursday, Feb. 19 at 4-10 pm in 150 North Hall on the campus of OSU-Tulsa. Thoman, a former high school English teacher, is a leading writer, editor, speaker, strategist and visionary thinker in the U.S. media literacy movement. She will discuss how media literacy transformed itself from a laughing stock to a critical tool and how humor works. In his presentations, Mankoff uses cartoons to explore the audience members’ potential for greater creativity.

Laughing Outside the Box: CREATIVITY AND THE COMIC IMAGINATION

Bob Mankoff, cartoon editor for The New Yorker, will present the Creativity Festival’s keynote address on Monday, Feb. 16 at 7:30 pm in the Student Union Theater. Mankoff is one of the nation’s leading commentators on the role of humor in American business, politics and life. He speaks on the appreciation of humor, the creative processes required to produce it, and how humor works. In his presentations, Mankoff uses cartoons to explore the audience members’ potential for greater creativity.

Dinosaur Expert to Speak

World-renowned paleontologist Dr. Philip J. Currie will present a public lecture, “Hunting Dinosaurs from Pole to Pole,” on Wednesday, Feb. 18 at 7 pm in the Student Union Theater. Dr. Currie is the Canada research chair at the University of Alberta and the former curator of dinosaurs at the Royal Tyrell Museum of Paleontology.

Dinosaurs have been popular with the public ever since they were first recognized scientifically almost two centuries ago. Nevertheless, relatively few scientists have been actively involved in research on these animals. Dr. Currie has conducted research on dinosaurs for more than 30 years with fieldwork concentrated in Alberta, Argentina, British Columbia, China, Mongolia, the Arctic and the Antarctic. His work has been featured in National Geographic and the New York Times and he has made appearances on NBC’s Today Show, PBS’s Nova, CBS’s Dinosaur programs and The Discovery Channel.

In his presentation, Currie will discuss his hunt for fossils and the information they provide on how dinosaurs – the most successful large terrestrial animals during Mesozoic times – were able to survive for so long. He will also explain why even fragmentary specimens from the Polar Regions can provide unparalleled information on the biology of dinosaurs. Currie will also give the keynote address, “Controversies in Dinosaur Studies – Fur, Feathers, Hot-Blooded and Extinction,” at the OSU Research Symposium on Wednesday, Feb. 18 at 1 pm in Student Union Case Study 1.

Students Create Two-Dimensional Arts: “The Sciences”

In support of student research in the arts, OSU students participated in a student created two-dimensional art contest of exhibits reflecting “The Sciences” in abstract or representational form. Winners and those receiving honorable mentions will be honored at a Research Gala during Research Week where they will receive their monetary awards. The winning artworks will be displayed during Research Week in the Gardner Art Gallery and will eventually be displayed in the Interdisciplinary Science Research Building after its completion. The competition was co-sponsored by the Department of Art and the Office of the Vice President for Research and Technology Transfer.

Exploring the Arts

The King’s Singers

London-based a cappella group, The King’s Singers, will perform on Wednesday, Feb. 18 at 8 pm in the Seven Kent Concert Hall. With their recent album, “Time and Time Again,” described as possessing “singing of rare distinction,” and “stunningly high musical standards,” the group has maintained its place at the apex of a cappella singing for more than 40 years, and is counted among the world’s elite classical ensembles. They have performed at cathedrals and palaces all over the globe. They have joined forces with many famous orchestras including the London Symphony Orchestra, Cincinnati Pops Orchestra and Chicago Symphony Orchestra. Their repertoire is all encompassing – from medieval music to masterpieces of the Renaissance, folk, pop, jazz and contemporary. The concert is presented by Allied Arts and tickets are required for the performance. For more information, call 405-744-7509.

More ...

• Food & Agricultural Products Center Research Symposium
  Tuesday, February 17, 9:00-4:00, 2nd floor FAPC

• Celebrating Books by OSU Authors Reception
  Thursday, February 17, 11:30 am - 1:30 pm
  Library Borrowing Room

• OSU Research Symposium
  Wednesday, February 18 through Friday, February 20, Student Union

• “The Fulbright Program-- Writing a Successful Proposal”
  Thursday, February 19, 4-10 pm
  103 Classroom Building

Complete schedule of events available online at: researchweek.okstate.edu