



# Outreach Program Development Update

Outreach and International Affairs

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## University Forum Addresses Scholarship of Outreach

by Lois Stephens

The translation of outreach to scholarly activities and the urgent adaptation of our land-grant universities to a rapidly changing world were the major themes of a recent forum at The Inn at Virginia Tech and Skelton Conference Center.

*Outreach NOW: A Forum on the Scholarship of Outreach* attracted nearly 250 faculty and staff from across the campus and state. The September 28 event featured **Martin Jischke**, president of Purdue University, who discussed the long-term societal impact of land-grant universities such as

(continued on p. 3)



Purdue President **Martin Jischke** (center) was the plenary speaker during **Outreach NOW: A Forum on the Scholarship of Outreach**. The event was co-sponsored by the Office of the Vice Provost for Outreach and International Affairs and the Commission on Outreach and International Affairs. Welcoming Jischke are the commission's chair, **Judith Shrum** (left) and Vice Provost **John Dooley**.

## Grand Opening for The Inn at Virginia Tech and Skelton Conference Center

by Susan Felker

On July 10, Virginia Tech opened the doors to its new 147-room hotel and conference center located on 25 acres of the northwestern corner of campus.

Virginia Tech President **Charles W. Steger** welcomed the crowd that included administrators and university

staff who had worked for years toward this day, as well as Hilton Hotels personnel who are managing the upscale facility for Virginia Tech.

“The Inn at Virginia Tech and Skelton Conference Center represent Virginia Tech’s commitment to sharing knowledge through

outreach,” Steger said. “This beautiful structure will be a place where communities, businesses, governments, and representatives from other universities can come to our campus to learn what we have to offer, and to teach us what they themselves have learned.”

(continued on p. 6)



The grand opening of the Inn at Virginia Tech and Skelton Conference Center on July 10, 2005 opened the door to another venue for knowledge transfer and research dissemination and a new chapter in the history of outreach at Virginia Tech.

Within the first week of its opening, the Inn at Virginia Tech and Skelton Conference Center and the Service-Learning Center hosted the *University-Community Partnership Conference*, which symbolized the values of the university and Outreach Program Development. Community and campus partners from across the country

attended to share perspectives on the benefits of collaboration and the positive impact of university outreach in communities.

The Inn at Virginia Tech and Skelton Conference Center creates a learning climate that transforms the traditional methods of disseminating research. Virginia Tech faculty are designing interesting and innovative ways to share their research and are making it more accessible to their peers, teachers, and the public by supporting teacher and university faculty development programs and the need for new outreach curriculum in critical areas.

This summer, celebrating its 10<sup>th</sup> anniversary, the *Biotechnology Conference* provided technical and content updates to science educators in the areas of medicine, agriculture, informatics, and environmental science. This focus on enhancing learning was also a keystone of the *Association for Biology Laboratory Education Workshop* and the *Master Gardener College* that were designed to improve the learning experience through the use of new, engaging laboratory exercises and instructional experiences. Mixing the theory and best practices of early childhood education, the *Shining Stars: Charting the Future for Today's Children Conference* recently focused on child development through inclusion. This conference highlighted new pedagogy and practices used in school districts for children with cultural differences and disabilities.

Virginia Tech leads in "putting knowledge to work." The Virginia Department of Education, in cooperation with Continuing and Professional Education, hosted the *2005 Career and Technical Education Conference* the first week in August. Educators and school administrators in



technical education shared and learned about the new strategies for supporting workforce development. Faculty in the Pamplin College of Business are working with organizations throughout the world to provide leadership training and development programs. The Center for Management and Professional Development is collaborating with Wolseley North America to offer customized leadership training at the Inn at Virginia Tech and Skelton Center this fall. Virginia Tech outreach programs play a role in transforming careers and opening new career paths for students and professionals.

This summer Virginia Tech hosted the first *International Conference on Complementarity, Duality, and Global Optimization in Science and Engineering*. Scholars from around the world convened with the goal of convening engineers, scientists, and mathematicians to exchange ideas and present original, unpublished research in disciplines from industrial engineering, operational research, math, psychology, management science, to name only a few. Faculty in the Department of Civil and Environmental Engineering have been working with the Inter-America Development Bank and the Universidad Jose Cecilio del Valle in Tegucigalpa, Honduras, to provide courses focused on the region's infrastructure needs.

*Outreach NOW: A Forum on the Scholarship of Outreach 2005* focused our attention on the creative talents and entrepreneurial spirit of Virginia Tech scholars who are actively discovering, integrating, and applying knowledge in addressing significant societal issues. This dialogue included the issue of effective and equitable recognition and rewards for all forms of scholarship and innovative research dissemination methods.

Whether located in Virginia Tech's new, premier conference venue, laboratories on campus, in communities, or with programs around the world, Virginia Tech faculty and Outreach Program Development are making a difference.

Jeri Childers, Ph.D.  
Director, Outreach Program Development



## Outreach Now *continued...*

Purdue and Virginia Tech, and outlined his vision for their futures.

Jischke urged every member of land-grant universities — faculty, staff, and students—to become involved in *engagement*, a synergetic term he prefers to the one-way connotation of “outreach.”

The afternoon forum included a panel of faculty who discussed their outreach projects and answered questions from the audience. **Mehdi Ahmadian**, professor of mechanical engineering, **Lucinda Roy**, chair of the English Department, **Heike Mayer**, assistant professor of urban affairs and planning, **James Johnson**, associate dean for outreach in the College of Natural Resources and professor of forestry, and **H. Marie Suthers-McCabe**, associate professor in the Virginia-Maryland Regional College of Veterinary Medicine, served as panelists for the event.

Following the panel discussion, Virginia Tech Provost **Mark McNamee** provided his reactions and reflections on the forum and **John Dooley**, vice provost for Outreach and International Affairs, recognized faculty who won awards for excellence in outreach this year.

“The success of the first **Outreach NOW** forum demonstrates the interest and commitment Virginia Tech

faculty have to connecting the research and teaching excellence of our labs and classrooms for the broader benefit of society,” said Dooley. “We hope that the presentations and discussions of the forum provide faculty new insights into how their outreach activities can be framed and recognized as contributing to the university’s scholarly portfolio.”

Various departments and centers showcased their outreach efforts in the exhibition areas throughout the day and during the concluding reception.

“We are extremely pleased to begin this dialogue among faculty about the scholarship of outreach,” said **Jeri Childers**, director of Outreach Program Development and chair of the **Outreach NOW** planning committee. “The impact is far-reaching and profound, and we want to support and recognize faculty for their outreach efforts.”

The forum was sponsored by the Office of the Vice Provost for Outreach and International Affairs and the Commission on Outreach and International Affairs.

Plans are underway for the 2006 forum. For more information, visit [www.conted.vt.edu/outreachnow/](http://www.conted.vt.edu/outreachnow/).

## Keynote Highlights from Martin Jischke, President of Purdue University

“The 1862 Morrill Land Grant Act was very much a forward-looking and outward-looking agenda, an agenda for America. It was more than an agenda for higher education. It was an agenda for the country. I believe it was fundamentally an agenda for our emerging democracy.”



“We can continue the old land grant model of 1862, which I believe has been marginalized...or alternatively we can start to think about a new agenda—a bolder and broader agenda. What I would like to suggest is an agenda of our time.”



“I believe the idea of the engaged university is very powerful, but it has to be conceptualized in a more modern way. The narrow traditional agenda of land grant universities will not work in the new century.”

“I believe there are seven areas on which we should focus as we fashion a contemporary land grant vision.

**First**, we need to see our mission as embracing all sectors of society, including, but not only, agriculture.

**Second**, we need to broaden the mission...to include the entire university and organize this mission as a university-wide activity.

**Third**, I would argue for adapting new language to capture the new ideas so that the change is evident and transparent both to those inside and outside the university... We need new language to recapture the public’s imagination about what we do and why it is important.



**Fourth**, we need to connect student learning to the engagement mission.

**Fifth**, we need to broaden research agenda that is much more interdisciplinary and problem-focused—a capacity that complements the very deep and strong disciplinary strengths that we have.



**Sixth**, we need to change our model for financing engagement...(we) must become more entrepreneurial, more market-driven, more comfortable with soft-money funding.

**Seventh**, we must reconceptualize the relationship with the federal government...a broader engagement agenda requires a broad range of partners.”

“I am convinced that this kind of agenda is not only in the interest of our university, it is also in the interest of our faculty in particular.”

For the complete transcript of Martin Jischke’s talk, visit [www.conted.vt.edu/outreachnow/](http://www.conted.vt.edu/outreachnow/).



## Outreach Diversifies Programs and Services in the National Capital Region

The National Capital Region (NCR) is a well established and growing hub of Virginia Tech activity, with more than 100 resident faculty and staff, five centers of academic activity, and more than 900 graduate students.

As the role of this region grows in the Virginia Tech family, outreach activities and services in the National Capital Region are increasing in the variety, diversity, and number of collaborations with colleges, departments, faculty, and organizations.

In FY 04-05, the outreach portfolio in the NCR grew to include programs such as *Preparing the Next Generation for Biosecurity: Seeking a Leadership Role for Higher Education*, a conference in collaboration with Virginia Tech Research and the CNA Corporation, and the *Biomedical*

*Engineering Research and Science Conference* held in collaboration with the College of Engineering, Wake Forest School of Medicine, Georgetown University, the National Institutes of Health, and the Food and Drug Administration.

Professional conferences included the *Global Seminar in Agricultural Practices* in collaboration with Agricultural and Extension Education and Cornell University, *Basic School Eastern Consortia Summer Institute* in collaboration with the College of Liberal Arts and Human Sciences and the School of Education, the *USDA/ CSREES Grantsmanship Workshop for the Eastern United States* in collaboration with Cooperative State Research, Education, and Extension

Service, and the U.S. Department of Agriculture, and the *International Truck and Bus Safety and Security Symposium* in collaboration with the National Safety Council and the Virginia Tech Transportation Institute.

In addition to conferences, NCR offered a variety of public non-credit courses for working professionals including the *Project Management Certificate*, *Charrette Planner*, and the *Meeting Facilitator Certificate* in collaboration with the Academy for the New Urbanism, College of Architecture and Urban Studies, and the National Charrette Institute, and *Writing Winning Grants* in collaboration with the Northeastern Regional Association of State Agricultural Experiment Station Directors.

Ongoing facilitation of events, meetings, and activities related to professional and academic development, many at Virginia Tech's Northern Virginia Center in Falls Church, is also on the increase.

"Working with NCR, we know we will receive quality services. It is a great collaboration. They focus on the people and we focus on the content," commented **Judith Smith**, Ph.D. and director of the Basic School Network, Eastern Consortia, School of Education in the College of Liberal Arts and Human Sciences.

For more information about outreach in the NCR, contact **Barbara Lyon Bennett** at [bennbl@vt.edu](mailto:bennbl@vt.edu) or 703/518-2716.



### Association for Biology Laboratory Education Workshop

Participants in the **Association for Biology Laboratory Education (ABLE)** workshop explore Sinking Creek in Giles County. The three-day summer event attracted 125 educators from university and college biology departments throughout the U.S. and Canada. The focus of ABLE is to improve the undergraduate biology laboratory experience by promoting the development and dissemination of interesting, innovative, and reliable laboratory exercises.



## Early Childhood Conference Helps Shining Stars Burn Brighter

by Vanessa Smith

Development through inclusion—regardless of physical or mental ability—was the focus of this year's second annual early childhood conference, *Shining Stars: Charting the Future for Today's Children*.

The July conference welcomed early childhood educators, paraprofessionals, childcare providers, administrators, families, and service providers to the Doubletree Hotel in Charlottesville. Staff from Head Start, Title I and Even Start Providers, Virginia Preschool Initiative, and early interventionists were among the 200 people in attendance.

"The committee worked diligently to make this program a success," says **Jane Todd**, program coordinator for Continuing and Professional Education. "The program's focus was on inclusion and we were fortunate to have a wide array of presenters to help meet the objective."

Workshops assessed and examined cultural differences and disabilities in children in order to provide collaborative, instructional strategies and curriculum designed to meet the needs of all children. The conference also featured vendors, displays, and two prominent keynote speakers.



Participants in the conference on *Shining Stars: Charting the Future for Today's Children* work on a project during the Leap Into Fun session. Educators, childcare providers, and administrators were among those who attended the Charlottesville conference.

"We used a variety of formats to share information about ways to provide inclusive settings for *all* children," according to Todd. "The exhibitors added an important facet to the program and we appreciate their involvement."

**Jan Moss**, the director of community leadership and advocacy at the Center for Learning and Leadership, Oklahoma's Center for Excellence in Developmental Disabilities, conducted research on the topic of inclusion. Moss said she wanted to see more inclusive practices used in schools and throughout the community. She found in her research that current applications are too limited, given the supporting legislation and research.

**Mara Shapon-Shevin**, professor of education at the Teaching and Leadership Division of the School of Education at Syracuse University, addressed the need for stretching inclusion across a broader spectrum. Shapon-Shevin said she would like to see the practice of inclusion applied to all classrooms in order to eradicate the stigma associated with children with disabilities.

Sponsors for the event included the Virginia Department of Education, the Virginia Department of Education Training and Technical Assistance Centers, the Partnership for People with Disabilities, and the Virginia Division of Early Childhood.

## University Offers Courses in Honduras

by Susan Felker

Five Virginia Tech faculty and a staff member from the Inter-American Development Bank (IDB) recently taught six courses at the Universidad Jose Cecilio del Valle in Tegucigalpa, Honduras, under the terms of an agreement through Continuing and Professional Education at Virginia Tech.

The courses focused on infrastructure needs, such as pavement, pedestrian and bicycle trails, software aids for infrastructure data management, and related subjects. They provided training for university staff, consultants, and contractors who will be working on IDB-funded infrastructure improvements to the university.

**Gerardo W. Flintsch** of Virginia Tech's Department of Civil and Environmental Engineering worked with **Rudi Luyendijk**, associate director of Continuing and Professional Education, to negotiate the agreement.

The courses, which began July 6, were originally to have been delivered via videoconferencing.

**Irma Acosta de Fortín**, rector of the Honduran university, invited the faculty to Honduras so they would benefit from face-to-face contact with students and be able to see actual project locations.



## International Conference on CDGO Attracts Engineers, Scientists, and Mathematicians

On August 15–17, nearly 100 scholars from around the world convened at The Inn at Virginia Tech and Skelton Conference Center for the *First International Conference on Complementarity, Duality, and Global Optimization* (CDGO) in science and engineering.

The primary goal of this conference was to bring together engineers, scientists, and mathematicians to exchange ideas and present original high level unpublished research. CDGO research consists of a cross-section of disciplines from the fields of industrial engineering, operations research, pure and applied math, engineering mechanics,

electrical engineering, psychology, management science, civil engineering, and mechanical engineering.

The conference was organized by **Hanif D. Sherali**, Ph.D., W. Thomas Rice Endowed Chaired Professor of Engineering in the Grado Department of Industrial and Systems Engineering and **David Y. Gao**, Ph.D. and associate professor in the Department of Mathematics at Virginia Tech.

Participants and speakers representing prestigious universities in Australia, China, France, Germany, India, Italy, New Zealand, Portugal, Taiwan, and the United States were some

of the first academic professionals to experience the new hotel and conferencing facilities of Virginia Tech. Several of the participants stated that this was one of the best conferences they have attended in years, based on both its technical content and organization.

This was the first conference composed on this particular set of topics, and it sparked sufficient interest to make it a biennial event. The second conference for this emerging field will be held at the University of Florida in 2007, and the third at the University of Coimbra, Portugal, in 2009.

### Master Gardener College

*Some 225 horticulture enthusiasts came to campus this summer for the 18<sup>th</sup> Annual Master Gardener College. The program was led by David Close, Virginia Cooperative Extension's state master gardener coordinator.*



### IVTSCC *continued...*

Steger thanked all those who had contributed financially or with their time and labor toward making this day possible. He mentioned **Bill and Peggy Skelton** of Blacksburg as “two very dear friends of the university”. . . for whom the conference center is named and recognized them with a gift.

**Gary Walton**, area vice president and general manager for Hilton Hotels, spoke of the effective partnership between the university, Hilton, and the City of Roanoke in the Hotel Roanoke and Conference Center and the beginning of a new partnership in “this exciting new facility.” With shared management between the two hotels, he indicated Hilton is looking forward “to providing the same quality of service delivered in our Roanoke operation.”

The ribbon was then cut, and the group moved indoors to watch the Skeltons register as the first guests. Tours of the Inn at Virginia Tech and Skelton Conference Center followed.

The hotel has 147 guest rooms, including six suites, and 23,705 square feet of flexible meeting space. Guests may choose from two main dining options: Preston's, a full-service restaurant, and the more informal Continental Divide Lounge. Preston's features innovative continental and regional cuisine, emphasizing fresh ingredients presented with a distinctive European flair. Two private dining rooms, the 1872 Salon and the Old Guard, are available for smaller groups.

Between July and September, more than 60 groups had used the new facilities, and the Inn had hosted more than 8,000 room nights for guests.



## Benefits of Collaboration Explored at University-Community Partnership Conference

by Vanessa Smith

Community leaders, college and university faculty, administrators, and non-profit organizations, as well as kindergarten through grade 12 educators were among those who attended *Building Strategic Partnerships: Challenges and Opportunities*, the second annual university-community partnership conference. The three-day event hosted by Virginia Tech's Service-Learning Center was held on July 13-15 at the new Inn at Virginia Tech and Skelton Conference Center, which opened July 10.

"The conference was a complete success," noted **Michele James-Deramo**, director of the Service-Learning Center at Virginia Tech.

"I was particularly impressed with the diversity of the program and the high level of relevance this conference offered participants," said **Julie Gochenour**, director of the Office of Communications for the Institute for Innovation in Health and Human Services at James Madison University. "In light of today's time and budget constraints, the conference provided an excellent set of strategies and applicable tools and a high level of return on my investment of time and travel dollars. I was professionally enriched by the experience."



**Robert Leonard** facilitates an interactive reflection to conclude the second day of workshops and sessions on the topic of building strategic partnerships. The July program was one of the premier events held at The Inn at Virginia Tech and Skelton Conference Center.

The university-community partnership conference featured interactive workshops, case studies, and presentations that examined the important issues and challenges facing communities, community organizations, colleges, and universities engaged in cooperative

initiatives. By emphasizing strategic partnership goals based on mutual respect and shared risk the conference's learning sessions promoted positive social transformations.

"I thoroughly enjoyed the experience—it validated my work in Roanoke and I had

some marvelous interaction with participants," said **Susan Short**, director of the Roanoke Higher Education Center.

**Monica Appleby**, former New Enterprises Fund (NEF) director for Community Housing Partners Corporation and co-author of *Mountain Sisters: from Convent to Community in Appalachia*, was the keynote speaker on July 13. She addressed the theme of building strategic partnerships from the perspective of her own lifetime experiences in Appalachia.

The third annual conference, *Building Strategic Partnerships: The Challenge of Engagement*, is scheduled for July 12-14, 2006, and will also take place at the Inn at Virginia Tech and Skelton Conference Center.

## Career and Technical Education Conference Hosts 1,600 Educators and Administrators

The Virginia Department of Education, in cooperation with Continuing and Professional Education, hosted the *2005 Career and Technical Education Conference* during the first week of August.

Educators and administrators of technical education attended workshops, credit

courses, and networking sessions in their individual disciplines and heard from **Governor Mark Warner** and the three candidates currently running for governor.

The conference was the result of a year-long collaborative effort between **Donna Raines** of Continuing and Professional Education and

**Elizabeth Russell**, Ph.D. and director of Career and Technical Education, State Superintendent of Public Instruction **Jo Lynne DeMary**, and their staffs. The 1,600 participants filled five hotels in Richmond with pre-conference activities and the Richmond Convention Center for the final session.



## Management and Professional Development Provides Customized Leadership Training

Organizations throughout the world are recognizing the need for assistance with training and development, especially at the mid-management level and higher. Those organizations engaged in long-term planning must give high priority to the development of their future leaders.

Any organization intending to thrive and prosper in the years ahead will spend a good deal of time, energy, and money today to develop people with the ability to lead the company tomorrow. In this process, organizations are looking not only at succession planning in the leadership development process, but they are also interested in improving organizational competitiveness in the marketplace.

One such organization that is working with the Pamplin College of Business at Virginia Tech is Wolseley North America (also known as Ferguson Enterprises,

Parnell Martin, and Lyon Conklin). Wolseley North America, a rapidly growing company, recognized what many organizations today are realizing—there are not enough leaders in the pipeline to move into management/leadership positions in the next five to ten years.

Ferguson reviewed its existing training and development programs and found that they had excellent programs for the upper echelon and new entry employees. However, they did not have leadership development for those employees who had been with the organization for two to seven years.

Pamplin's Center for Management and Professional Development worked closely with Ferguson's leadership team to develop two programs that meet the organization's need today and for the future. Wolseley's Core Leadership provides self-leadership skills and Wolseley's Leadership



*These Wolseley associates from Virginia, Connecticut, California, Georgia, and Alabama participated in a recent leadership development program designed by Management and Professional Development of the Pamplin College of Business.*

Connection focuses on the leadership skills necessary to lead and make strategic decisions. Faculty from the Pamplin College of Business deliver the content in a team-based environment using activities such as customized case studies that engage the participants.

Wolseley will be sending up to 26 participants through both programs this fall for a total of 10 weeks at The Inn

at Virginia Tech and Skelton Conference Center. In 2006, Wolseley has contracted for 16 programs.

For more information on how to improve the development of your supervisors, managers and leaders, contact The Center for Management and Professional Development in the Pamplin College of Business at 540/231-5566 or by e-mail at [scottsg@vt.edu](mailto:scottsg@vt.edu).



## Biotechnology Conference 2005

*The Fralin Biotechnology Center celebrated the 10<sup>th</sup> anniversary of its summer **Biotechnology Conference** on July 27-30. Shown are **Babatunde Soleye** (left) from Bronx Aerospace High School in New York and **Nicole Brousseau** from Christian Brothers High School in Sacramento, California, who are learning to genetically engineer bacteria, an important step in the production of medicines such as insulin. The goal of the conference is to provide technical and content updates to science educators. New applications in medicine, agriculture, informatics, and environmental science were discussed at this year's event. The annual conference is led by **Erin Dolan**, outreach coordinator for the Fralin Biotechnology Center.*



# Outreach Program Development

## Welcome to ...



**Ann Brown**, assistant director for Continuing and Professional Education



**Sarah Jacobson**, program coordinator in Continuing and Professional Education



**Gilda Muchin-Scarpaci**, program coordinator in Continuing and Professional Education



**Dawn Stoneking**, conference registration manager for Outreach Program Services



**Joanne Warren**, conference registrar for Outreach Program Services

## Best wishes to ...

**Allison Fernandez**, senior program coordinator in the National Capital Region, who has moved to Charlotte, North Carolina.

**Susan Hilton**, senior program coordinator for Continuing and Professional Education, who has a new position with Haile Landscaping Design.

**Jane Rorrer**, conference registrar for Outreach Program Services, who is now a recruiting specialist for the graduate school.

**Amanda Timcik**, program coordinator for Continuing and Professional Education, who has accepted a position as project manager at Exemplum, a multimedia development company located in Virginia Tech's Corporate Research Center.

**Beverly Turner**, senior program coordinator for Continuing and Professional Education, who has accepted a position as the coordinator of conference programs for the Institute for Advanced Learning and Research in Danville, Virginia.

## Congratulations to ...

**Dawn Bradbury** of the registration office of Outreach Program Services, who has been promoted to full-time conference registrar.

**Robin McCoy** of the finance office of Outreach Program Services, who has been promoted to program accounting manager.

**Clara Sowers** of Continuing and Professional Education, who has been promoted to a full-time program coordinator.

**Sarah Umbarger-Wells** of Talent Search/Upward Bound who was promoted to assistant director of Talent Search.

**Latanya Walker** of Talent Search/Upward Bound who was promoted to assistant director of Upward Bound.

**Scott Farmer** (left), associate director of Outreach Technology Services, teaches a course on *Creating a Website* in June.





## OCTOBER

### Wolseley-Pamplin Core Leadership Development

**October 2-6**

*The Inn at Virginia Tech &  
Skelton Conference Center*

This program is designed for emerging leaders who wish to develop and enhance self leadership qualities. Manager trainees who have been with Wolseley North America for 18-24 months with demonstrated leadership potential, who have been nominated by senior management, are encouraged to attend.

For more information or assistance, please contact: Sharon G. Scott, The Center for Management and Professional Development, Virginia Tech, 540/231-5566, e-mail: [scottsg@vt.edu](mailto:scottsg@vt.edu).

### Risk Management Symposium

**October 3-4**

*Bethesda, MD*

This two-day forum covers the implementation of international risk management protocols in the healthcare industries, including pharmaceuticals, devices, foods, and combination products. This unique conference brings together high-level industry experts, academics, and governmental and standardization agency personnel to share insights on risk management issues.

For information or assistance, please contact: George Flick, Food Science and Technology, Virginia Tech, e-mail: [flickg@vt.edu](mailto:flickg@vt.edu), or visit: [www.conted.vt.edu/riskmngmnt/symposium/](http://www.conted.vt.edu/riskmngmnt/symposium/).

### Math Concepts— The Basics

**October 5**

*Broadcast simultaneously to  
15 locations across Virginia*

This professional development workshop is for Class VI waterworks operators. Through the use of interactive technology, participants have the opportunity to engage in discussions with the presenters and participants around the commonwealth.

For information or assistance, please contact: Alice Clawson, Continuing and Professional Education, Virginia Tech 540/231-4849, e-mail: [alicecb@vt.edu](mailto:alicecb@vt.edu), or visit: [www.conted.vt.edu/classvil/](http://www.conted.vt.edu/classvil/).

### Association of Internet Researchers

**October 5-9**

*Chicago, IL*

Internet Generations, the Sixth International and Interdisciplinary Conference of the Association of Internet Researchers, brings together scholars from many disciplines and nations. The conference includes workshops, panels, presentations, and keynotes.

For information or assistance, please contact: Steve Jones, University of Illinois at Chicago, 312/996-3193, e-mail: [sjones@uic.edu](mailto:sjones@uic.edu), or visit: <http://conferences.aoir.org/>.

### Process Improvement Workshop

**October 10 – Virginia Tech**

*Hampton Roads Center*

**October 11 – Virginia Tech**  
*National Capital Region*

The Center for High Performance Manufacturing has compiled and developed an industry toolkit, which can be applied to a variety of settings to help manufacturing and service companies achieve efficiencies in their everyday processes. Participants learn about available tools and how to obtain them for their own operations.

For information or assistance, please contact: Lynette Kessinger, Center for High Performance Manufacturing, Virginia Tech, 540/231-6201, e-mail: [lynette@vt.edu](mailto:lynette@vt.edu), or visit [www.conted.vt.edu/chpmprol/](http://www.conted.vt.edu/chpmprol/).

### Virginia's Technology Capital Access Forum

**October 10-11**

*The Hotel Roanoke &  
Conference Center*

There is no better time than the present to be a part of the progression of Virginia's innovation economy. To further this goal, Virginia Tech and the NewVA Corridor Technology Council are hosting the third annual Virginia's Technology Capital Access Forum. The objective of this forum is to advance Virginia's innovation economy by putting technology and innovation entrepreneurs in touch with capital providers from Virginia and the entire mid-Atlantic region.

For information or assistance, please contact: Shelly Jobst, Continuing and Professional Education, Virginia Tech, 540/231-7084, e-mail: [sjobst@vt.edu](mailto:sjobst@vt.edu), or visit: [www.capitalaccessforum.com/](http://www.capitalaccessforum.com/).

### Virginia Pesticide Safety Educators Workshop

**October 10-12**

*Charlottesville, VA*

Pesticide Safety Education (PSE) in Virginia is a statewide educational program with an overall goal to protect the environment and public health from improper pesticide use through applicator and public education. This program is based on evaluation data and input by agents from the 2004 workshop.

For information or assistance, please contact: Michael Weaver, Virginia Tech Pesticide Programs, e-mail: [mweaver@vt.edu](mailto:mweaver@vt.edu), or visit: <https://www.vtpp.ext.vt.edu/index.php/html/main/05psew.html>.

### Virginia Water Research Symposium 2005

**October 10-12**

*The Inn at Virginia Tech &  
Skelton Conference Center*

The 40<sup>th</sup> anniversary of the founding of the Water Center features prominent keynote speakers, a series of science and policy forums addressing critical water issues in Virginia and across the U.S., workshops, and research presentations. Participants include state and local government professionals, university faculty and students, experts from environmental consulting and environmental law firms, and other interest groups.

For information or assistance, please contact: Tamim Younos, Virginia Water Resources Research Center, Virginia Tech, 540/231-5624, e-mail: [tyounos@vt.edu](mailto:tyounos@vt.edu), or visit: [www.vwrrc.vt.edu/2005Symposium/index.html](http://www.vwrrc.vt.edu/2005Symposium/index.html).

### Forest Nutrition Research Cooperative Advisory Council Meeting

**October 11-13**

*The Inn at Virginia Tech &  
Skelton Conference Center*

The Forest Nutrition Cooperative is a partnership committed to creating innovative solutions to enhance forest productivity and value through the sustainable management of site resources. The partnership is led by faculty within the forestry departments at N.C. State and Virginia Tech who have expertise in silviculture, ecophysiology, soils, plant community ecology, growth and yield modeling, GIS, and remote sensing.

For information or assistance, please contact: Tom Fox, Department of Forestry, Virginia Tech, 540/231-8862, e-mail: [trfox@vt.edu](mailto:trfox@vt.edu), or visit: [www.forestnutrition.org](http://www.forestnutrition.org).



## The Institute for Leadership in Changing Times

**October 11–13**

*The Inn at Virginia Tech & Skelton Conference Center*

This is the final component of the Institute for Leadership in Changing Times for public safety professionals. The program focuses on the application of leadership skills learned over the summer. Mid-level managers within the field of public safety who are emerging leaders and recommended by senior managers are encouraged to attend.

For more information or assistance, please contact: Sharon G. Scott, The Center for Management and Professional Development, Virginia Tech, 540/231-5566, e-mail: [scottsg@vt.edu](mailto:scottsg@vt.edu).

## Introductory Tax Prep Seminar

**October 13–14**

*National Capital Region, Richmond, VA, and Falls Church, VA*

This seminar is geared to individuals just beginning their careers in tax preparation. It offers an effective combination of lectures, sample problems, discussion, and questions.

For information or assistance, please contact: Bryce Geyer, Agriculture and Applied Economics, Virginia Tech, 540/231-7936, e-mail: [bgeyer@vt.edu](mailto:bgeyer@vt.edu), or visit: [www.tax.vt.edu](http://www.tax.vt.edu).

## Form Based Codes

**October 13–15**

*Alexandria, VA*

The Form-Based Codes Institute (FBCCI) is offering this introductory course in partnership with Virginia Tech's Academy for the New Urbanism. Two additional follow-up courses, one focused on the design-related aspects of coding and another focused on administrative and

legal issues will further prepare professionals for certification by FBCCI. The academy provides ongoing training for mid-career planning, design, and development professionals in a range of implementation-related practice areas.

For information or assistance, please contact: Outreach Program Development, National Capital Region, 703/518-2700, or visit: [www.conted.vt.edu/newurbanism/formbasedcodes/](http://www.conted.vt.edu/newurbanism/formbasedcodes/).

## Automobile Safety and Injury Biomechanics

**October 14–15**

*The Inn at Virginia Tech & Skelton Conference Center*

This is an interactive course with lectures, demonstrations, and opportunities for "hands on" learning. The course offers both introductory and advanced topics with background information provided on all concepts. The information is particularly useful for engineers, medical professionals, attorneys, and students in medical, engineering, or legal fields.

For information or assistance, please contact: Stefan Duma, Virginia Tech–Wake Forest Center for Injury Biomechanics, e-mail: [sduma@vt.edu](mailto:sduma@vt.edu), or visit: [www.conted.vt.edu/biomechl/](http://www.conted.vt.edu/biomechl/).

## Introductory Echocardiography

**October 14–15**

*Blacksburg, VA*

This course is designed to give the veterinary practitioner a basic understanding of small animal echocardiography. Major topics include ultrasound principles, normal cardiac anatomy and physiology, techniques for achieving quality results, videotape presentations of important diseases, and hands-on scanning of normal dogs.

For information or assistance, please contact: Anne Cinsavich, Virginia-Maryland Regional

College of Veterinary Medicine, Virginia Tech, 540/231-5261, e-mail: [aclapsad@vt.edu](mailto:aclapsad@vt.edu), or visit: [www.conted.vt.edu/intechol/](http://www.conted.vt.edu/intechol/).

## Advanced Personal Protective Equipment: Challenges in Protecting First Responders

**October 16–18**

*The Inn at Virginia Tech & Skelton Conference Center*

This conference consists of a variety of workshops and presentations in the areas of disaster response and personal protective equipment (PPE). The event is a unique opportunity in Southwest Virginia for first responders, and those who work to protect them, to discover the latest innovations in equipment technology, confer on new industry trends, and share potential solutions to PPE issues with other agencies and disaster/emergency personnel.

For information or assistance, please contact: Jeff Lancaster, Virginia Tech, 540/231-2680, e-mail: [jlancast@vt.edu](mailto:jlancast@vt.edu), or visit: [www.conted.vt.edu/appel/](http://www.conted.vt.edu/appel/).

## Wolseley–Pamplin Core Leadership Development

**October 16–20**

*The Inn at Virginia Tech & Skelton Conference Center*

This program is designed for emerging leaders who wish to develop and enhance self leadership qualities. Manager trainees who have been with Wolseley North America for 18–24 months with demonstrated leadership potential who have been nominated by senior management should benefit from this program.

For more information or assistance, please contact: Sharon G. Scott, The Center for Management and Professional Development, Virginia Tech, 540/231-5566, or e-mail: [scottsg@vt.edu](mailto:scottsg@vt.edu).

## English Language Institute

**October 17 – December 16**  
*840 University City Boulevard*

This full and part-time program offers participants the opportunity to meet personal and academic goals through English language study. Current and prospective Tech students, visitors, and community members can strengthen their pronunciation, conversation, listening, vocabulary, and writing skills through a variety of classes on four levels of proficiency in classes meeting five to ten hours per week.

For information or assistance, please contact: Judith Snoke, Director, English Language Institute, 540/231-6963, e-mail: [eslsnoke@vt.edu](mailto:eslsnoke@vt.edu), or visit: [www.eli.vt.edu](http://www.eli.vt.edu).

## Water Distribution Systems

**October 19**

*Broadcast simultaneously to 15 locations across Virginia*

This continuing and professional education workshop for water utility owners, managers, and operators focuses on issues that can directly affect the performance of every water management office. Through the use of interactive technology, participants have the opportunity to engage in discussions with the presenters and participants around the commonwealth.

For more information or assistance, please contact: Alice Clawson, Continuing and Professional Education, Virginia Tech, 540/231-4849, e-mail: [alicecb@vt.edu](mailto:alicecb@vt.edu), or visit [www.conted.vt.edu/cpewater/](http://www.conted.vt.edu/cpewater/).



## International Society for Educational Planning

**October 19–23**  
*Bologna, Italy*

This 35<sup>th</sup> annual conference is a time for all persons interested in educational planning to hear and learn from presenters from all over the world on the latest trends and happenings in the field.

This year's conference focuses on challenges in planning, educational change, and educational improvement at national and international levels as well as cross-culturally.

For information or assistance, please contact: Glen I. Earthman, Virginia Tech, 540/231-9715, e-mail: [earthman@vt.edu](mailto:earthman@vt.edu), or visit: [www.conted.vt.edu/isepl/](http://www.conted.vt.edu/isepl/).

## Forest Products Marketing

**October 20–21**  
*Blacksburg, VA*

Participants in this workshop learn about the products of wood-based industries, marketing as it relates to small forest products businesses, and how to gain a competitive advantage in the industry. It is designed for the small forest products business owner or manager.

For information or assistance, please contact: Bob Smith, Center for Forest Products Marketing and Management, Virginia Tech, 540/231-9759, e-mail: [rsmith4@vt.edu](mailto:rsmith4@vt.edu), or visit: [www.conted.vt.edu/forestpml/](http://www.conted.vt.edu/forestpml/).

## Psychology of Mathematics Education

**October 20–23**  
*The Hotel Roanoke & Conference Center*

This 27<sup>th</sup> annual meeting of the North American chapter provides a forum for scholarly discussion of central and current issues in mathematics education,

particularly as they pertain to the role of psychology in mathematics education.

For information or assistance, please contact: Skip Wilson, Northern Virginia Center, Virginia Tech, 703/538-8484, or [skipw@vt.edu](mailto:skipw@vt.edu).

## Acid Sulfate Soils Short Course

**October 21 and November 18**  
*Spotsylvania, VA*

This intensive one-day short course focuses on field recognition, prediction, and remediation of the adverse effects of acid sulfate soil weathering processes. An optional half-day field trip the following morning includes visits to several local sites with documented acid sulfate problems and successful remediation efforts.

For information or assistance, please contact: W. Lee Daniels, Department of Crop and Soil Environmental Sciences, Virginia Tech, 540/231-7175, e-mail: [wdaniels@vt.edu](mailto:wdaniels@vt.edu), or register on-line at: <https://www.conted.vt.edu/ssl/acidsoil/>.

## Advanced Echocardiography

**October 21–23**  
*Blacksburg, VA*

This course is designed for veterinary practitioners with experience in general cardiac scanning in small animals who would like to expand their skills to include pulse wave Doppler, continuous wave Doppler, color flow Doppler, special measurements and calculations, and applying the Bernoulli equation to clinical cases.

For information or assistance, please contact: Anne Cinsavich, Virginia-Maryland Regional College of Veterinary Medicine, Virginia Tech, 540/231-5261, e-mail: [aclapsad@vt.edu](mailto:aclapsad@vt.edu), or visit: [www.conted.vt.edu/adechol/](http://www.conted.vt.edu/adechol/).

## Efficient Testing of Adhesives and Sealants

**October 23–26**  
*The Inn at Virginia Tech & Skelton Conference Center*

This short course teaches participants to understand and select appropriate test methods to measure relevant properties, improve consistency through understanding and controlling surface, polymer, and test variables, among other essential tools.

For information or assistance, please contact: Tammy Jo Hiner, Macromolecules and Interfaces Institute, Virginia Tech, 540/231-6824, e-mail: [thiner@vt.edu](mailto:thiner@vt.edu), or visit: [www.mii.vt.edu](http://www.mii.vt.edu).

## Virginia Institute for Economic Development

**October 23–27**  
*The Inn at Virginia Tech & Skelton Conference Center*

The 23<sup>rd</sup> annual certificate program in economic development is designed to serve the needs of new economic development professionals in Virginia, local government officials, and volunteer community leaders. The topics cover all aspects of the economic development process, including analysis of current economic trends, planning, product development, workforce development, finance, and marketing, along with overviews of various industry niches and the roles of different state agencies in economic development.

For information or assistance, please contact: Susan Caruvana, Office of Economic Development, Virginia Tech, 540/231-2351, e-mail: [scaruvan@vt.edu](mailto:scaruvan@vt.edu), or visit: [www.conted.vt.edu/vied/](http://www.conted.vt.edu/vied/).

## Wolseley–Pamplin Leadership Connection

**October 23–27**  
*The Inn at Virginia Tech & Skelton Conference Center*

This program is designed to build leadership skills for emerging leaders within the Wolseley North America organization. Individuals in the management track with four-to-seven years' experience with a Wolseley company, and recommended by a senior manager, are encouraged to attend.

For more information or assistance, please contact: Sharon G. Scott, The Center for Management and Professional Development, Virginia Tech, 540/231-5567, e-mail: [scottsg@vt.edu](mailto:scottsg@vt.edu).

## Design of Residential Walls with Large Openings

**October 25–27**  
*The Inn at Virginia Tech & Skelton Conference Center*

This course is designed for plan reviewers, building inspectors, building officials, home inspectors, residential designers, engineers, architects, and home builders. The primary focus and objectives of this course are a mastery of the application of prescriptive provisions of the 2003 International Residential Code™ (IRC). Participants receive a certificate for 1.5 Continuing Education Units (CEUs) equivalent to 15 hours of instruction.

For information or assistance, please contact: Frank Woeste, Professional Engineer, 1502 Nelson St., Blacksburg, VA 24060, 540/951-0469, e-mail: [fwoeste@vt.edu](mailto:fwoeste@vt.edu), or visit: [www.conted.vt.edu/sdww/](http://www.conted.vt.edu/sdww/).



### 54<sup>th</sup> Virginia Transportation Conference

**October 26–28**

*The Hotel Roanoke & Conference Center*

This conference examines the commonwealth's investments in and commitments to transportation; social, economic, and political factors affecting those investments and commitments; and potential mobility and accessibility solutions to our growing challenges. Transportation leaders from across Virginia and other states participate in this event.

For information or assistance, please contact: Rudi Luyendijk, Continuing and Professional Education, Virginia Tech, 540/231-9092, e-mail: [rluyendi@vt.edu](mailto:rluyendi@vt.edu), or visit: [www.vatransconf.org](http://www.vatransconf.org).

### Basic Corrugated Packaging and Unit Load Design

**October 26–27**

*The Inn at Virginia Tech & Skelton Conference Center*

This program is designed for corrugated packaging, pallet, and equipment suppliers, as well as the users of these components. The educational objectives include preparing attendees to be conversant in the corrugated packaging industry; understand regulations that impact the design and use of corrugated packaging; select and design corrugated shipping containers; better understand the interactions between the packaging, pallet, and material handling equipment; and understand the effect of pallet design on box performance.

For information or assistance, please contact: Ralph Rupert, Center for Unit Load Design, Virginia Tech, 540/231-7106, e-mail: [rrupert@vt.edu](mailto:rrupert@vt.edu), or visit: [www.conted.vt.edu/bcp-unitload/](http://www.conted.vt.edu/bcp-unitload/).

### Applied Ultrasonography Laboratory

**October 28–29**

*Blacksburg, VA*

This is a 100% scanning laboratory course designed to improve the technical and diagnostic skills of veterinary practitioners presently doing cardiac and abdominal ultrasound in small animals. Instructors perform appropriate live animal demonstrations and guide the registrants so that they can achieve comparable results.

For information or assistance, please contact: Anne Cinsavich, Virginia-Maryland Regional College of Veterinary Medicine, Virginia Tech, 540/231-5261, e-mail: [aclapsad@vt.edu](mailto:aclapsad@vt.edu) or visit: [www.conted.vt.edu/ultra/](http://www.conted.vt.edu/ultra/).

### West Piedmont Trails Symposium

**October 28**

*Institute for Advanced Learning and Research, Danville, VA*

Participants learn how the development, maintenance, and promotion of a community trail system can enrich their communities. The symposium features keynote speaker David Crockett, former president of Chattanooga's city council. He is considered by many to be the primary architect of Chattanooga's renaissance.

For information or assistance, please contact: Dave Waterman, Continuing and Professional Education, Virginia Tech, 540/231-5486, e-mail: [dmwater@vt.edu](mailto:dmwater@vt.edu), or visit: [www.dcr.virginia.gov/wpiedmont.htm](http://www.dcr.virginia.gov/wpiedmont.htm).

### Wolseley–Pamplin Leadership Connection

**October 30 – November 3**

*The Inn at Virginia Tech & Skelton Conference Center*

This program is designed to build leadership skills for emerging leaders within the Wolseley North America organization. Individuals in the management track with four-to-seven years' experience with a Wolseley company, recommended by a senior manager, are encouraged to attend.

For more information or assistance, please contact: Sharon G. Scott, The Center for Management and Professional Development, Virginia Tech, 540/231-5567, e-mail: [scottsg@vt.edu](mailto:scottsg@vt.edu).

### Comprehensive School Reform Fall Institute

**October 31 – November 3**

*Richmond, VA*

The purpose of the comprehensive school reform initiative is to provide financial grants for reform in schools, especially in those that are not succeeding in effectively teaching all children. Schools choose a national or Department of Education approved model that focuses on core subject areas or are whole school/process-based.

For more information or assistance, please contact: Donna Raines, Continuing and Professional Education, Virginia Tech, 540/231-5241, e-mail: [draines@vt.edu](mailto:draines@vt.edu).

## NOVEMBER

### Math Concepts—Applications

**November 2**

*Broadcast simultaneously to 15 locations across Virginia*

This professional development workshop is for Class VI waterworks operators. Through

the use of interactive technology, participants have the opportunity to engage in discussions with the presenters and participants around the commonwealth.

For information or assistance, please contact: Alice Clawson, Continuing and Professional Education, Virginia Tech 540/231-4849, e-mail: [aliceb@vt.edu](mailto:aliceb@vt.edu), or visit [www.conted.vt.edu/classvil](http://www.conted.vt.edu/classvil).

### Orchestra Forum

**November 6–8**

*Vernon, NJ*

The forum is designed to strengthen the innovative work underway at each orchestra, to provide a safe environment for the sharing of new ideas and emerging problems, and to help reinforce the momentum for positive development or change, both within each orchestra and across the field.

For information or assistance, please contact: Maureen Carruthers, Institute for Cultural Policy and Practice, Virginia Tech, 540/231-6616, e-mail: [macarrut@vt.edu](mailto:macarrut@vt.edu), or register online at: <https://www.conted.vt.edu/ssl/orchestral>.

### Virginia Tech Income Tax Seminar

**November 7 – December 13**

*Offered statewide*

This two-day seminar is an intensive study of the tax law and regulation governing individuals, small businesses, farms, and forestry. It is designed for persons with tax experience who assist taxpayers in preparing and filing income tax returns. Preparation of both federal and state taxes is covered.

For information or assistance, please contact: Bryce Geyer, Department of Agricultural and Applied Economics, Virginia Tech, 540/231-7936, e-mail: [tax@vt.edu](mailto:tax@vt.edu), or visit: [www.tax.vt.edu/](http://www.tax.vt.edu/).



## Intermediate Gastrointestinal Endoscopy for Internal Medicine Residents

**November 7–8**

*Virginia-Maryland Regional  
College of Veterinary Medicine*

This course is designed and delivered at the level appropriate for first year internal medicine residents. The small group atmosphere favors classroom interaction and individual attention in the laboratory, which should lead to progression of endoscopic skills.

For information or assistance, please contact: Anne Cinsavich, Virginia-Maryland Regional College of Veterinary Medicine, 540/231-5261, e-mail: [acinsav@vt.edu](mailto:acinsav@vt.edu).

## Virginia Teacher Quality Forum

**November 9–10**

*Richmond, VA*

The purpose of this forum is to obtain the input of exemplary teachers and other stakeholders as a first step in developing a plan for a possible multi-tiered licensure system. This system will establish standards for what teachers should know and be able to demonstrate at difference stages of their professional careers.

For information or assistance, please contact: Thomas A. Elliott, Department of Education, 804/371-2522, e-mail: [thomas.elliott@doe.virginia.gov](mailto:thomas.elliott@doe.virginia.gov), or visit: [www.conted.vt.edu/teachqf/](http://www.conted.vt.edu/teachqf/).

## Location, Location Information: Introduction to GIS

**November 10 – December 2**  
*Virginia Community Colleges*

The purpose of this short course is to provide accessible and cost-effective geospatial training opportunities throughout Virginia. It is designed on an introductory level Virginia-based curriculum that integrates raster and vector

data. It uses a training manual developed through the Virginia Geospatial Extension Program, and leveraged from the New Hampshire Geospatial Extension Program's Training Manual.

For information or assistance, please contact: Paige Baldassaro, Department of Forestry, Virginia Tech, 540/231-5525, e-mail: [gpe@vt.edu](mailto:gep@vt.edu), or visit: [www.conted.vt.edu/gisworkshop/](http://www.conted.vt.edu/gisworkshop/).

## Urinalysis and Hematology

**November 12**

*Virginia-Maryland Regional  
College of Veterinary Medicine*

This course is a "bench level" review of routinely performed laboratory procedures for urinalysis and hematology of dogs and cats. It provides an excellent in-service training of laboratory personnel at any level of experience.

For information or assistance, please contact: Bob Martin, Veterinary Teaching Hospital, Virginia Tech, 540/231-7823, e-mail: [ramartin@vt.edu](mailto:ramartin@vt.edu), or visit: [www.conted.vt.edu/uhsap/](http://www.conted.vt.edu/uhsap/).

## Building Procurement Fitness

**November 13–17**

*The Hotel Roanoke &  
Conference Center*

This conference provides Virginia government purchasing professionals the opportunity to gather to learn and exchange information and ideas. Virginia vendors attend the first two days of the event to meet and get to know the buyers and learn how to most efficiently do business with the commonwealth. The conference also includes a one-day expo where vendors display their goods and services and talk with buyers about how they can meet their purchasing needs.

For information or assistance, please contact: David Nims, Director, Administration and Development, Department of

General Services, Commonwealth of Virginia, 804/786-6232, e-mail: [David.Nims@dgs.virginia.gov](mailto:David.Nims@dgs.virginia.gov), or visit: [www.conted.vt.edu/bpfitness/](http://www.conted.vt.edu/bpfitness/).

## International Truck and Bus Safety and Security Symposium

**November 14–16**

*Alexandria, VA*

This symposium is hosted by the National Safety Council and the Virginia Tech Transportation Institute and covers fleet management, technology and design, enforcement and compliance, security, and crosscutting.

For information or assistance, please contact: Ron Knipling, Virginia Tech Transportation Institute, 703/538-8439, e-mail: [rknipling@vtti.vt.edu](mailto:rknipling@vtti.vt.edu), or visit: [www.nsc.org/truckandbus/](http://www.nsc.org/truckandbus/).

## Class VI Waterworks Short Course

**November 15–18**

*Virginia Tech Richmond  
Center*

This short course is designed specifically for waterworks operators to assist them in passing the Class VI waterworks examination.

For more information or assistance, please contact: Alice Clawson, Continuing and Professional Education, Virginia Tech, 540/231-4849, e-mail: [aliceb@vt.edu](mailto:aliceb@vt.edu), or visit [www.conted.vt.edu/ClassVIsc/](http://www.conted.vt.edu/ClassVIsc/).

## Use and Maintenance of Control Valves and Air Valves in Municipal Water and Wastewater Systems

**November 16**

*Broadcast simultaneously to  
15 locations across Virginia*

This continuing and professional education workshop for water utility owners, managers, and operators focuses on issues that can directly affect the

performance of every water management office. Through the use of interactive technology, participants have the opportunity to engage in discussions with the presenters and participants around the commonwealth.

For more information or assistance, please contact: Alice Clawson, Continuing and Professional Education, Virginia Tech, 540/231-4849, e-mail: [aliceb@vt.edu](mailto:aliceb@vt.edu), or visit [www.conted.vt.edu/cpewater/](http://www.conted.vt.edu/cpewater/).

## Center for High Performance Manufacturing Fall Meeting

**November 16–17**

*The Inn at Virginia Tech &  
Skelton Conference Center*

This meeting features cutting-edge keynote speakers, reviews of the latest manufacturing technology, and network enhancing roundtable discussions. It begins with a special session for Virginia's small manufacturers. This unique opportunity draws manufacturing professionals from across the nation to discuss new research in the manufacturing industry.

For information or assistance, please contact: Lynette Kessinger, Center for High Performance Manufacturing, Virginia Tech, 540/231-6201, e-mail: [lynette@vt.edu](mailto:lynette@vt.edu), or visit: [www.conted.vt.edu/chpmmeet/](http://www.conted.vt.edu/chpmmeet/).

## Diagnostic Ultrasonography

**November 18–19**

*The Inn at Virginia Tech &  
Skelton Conference Center*

This course offers basic instruction to those in veterinarian practices in the rapidly expanding field of ultrasonography. The proper use of equipment, interpreting the image, artifacts, and animal positioning are covered. A combination of lectures, practicals, and demonstrations allows participants to become acquainted with the technology.



For information or assistance, please contact: Anne Cinsavich, Virginia-Maryland Regional College of Veterinary Medicine, 540/231-5261, e-mail: [aclapsad@vt.edu](mailto:aclapsad@vt.edu), or visit: [www.conted.vt.edu/dultra/](http://www.conted.vt.edu/dultra/).

### **Virginia Policy Forum** **November 30 – December 1** *Richmond, VA*

The purpose of this forum is to foster dialogue on a high-priority issue for Virginia's future and create a mechanism to address problems at the regional level. The framing question is: What can the commonwealth do to meet the human capital requirements of tomorrow's economy?

The objectives are to highlight issues with significant impact on Virginia's future, provide *The Virginia Report* and the *Issues Book* as a framework for solving issues at the regional level, create excitement for potential change, and to bring together a strong group of leaders.

For information or assistance, please contact: Virginia Tech Richmond Center, 804/786-8110, e-mail: [lauraw@vt.edu](mailto:lauraw@vt.edu), or visit: [www.future.virginia.gov/index.htm](http://www.future.virginia.gov/index.htm).

### **OTHER CONFERENCES**

*We are pleased to be working with other organizations on the following upcoming events.*

**VDOE Fall Institute**, October 30 – November 1

**VDOE Fall Institute**, November 1–3

**Virginia Teacher Quality Forum**, November 9–10

**National Governors Association High School Transition Symposium**, December 5–6

**Rotary Youth Leadership Seminar**, December 9–11

### **COMING IN THE NEXT QUARTER OF 2006** **(January, February, March)**

**International Symposium for Business and Industrial Statistics**, January 11–13

**The Mid Atlantic Conference on the Scholarship of Diversity**, February 2–3

**Leadership and Communications for Natural Resource Professionals**, February 28 – March 9

**National Consortium for Specialized Secondary Schools of Mathematics, Science and Technology (NCSSMST)**, March 15–18

## **DECEMBER**

### **Selling Forest Products**

**December 1–2**

*The Inn at Virginia Tech & Skelton Conference Center*

Those attending this short course learn the basics of personal selling, methods of identifying new customers, and how to analyze their personal selling profiles. The course is designed for new sales and marketing personnel or those wishing to improve their selling skills in the forest products industry.

For information or assistance, please contact: Bob Smith, Center for Forest Products Marketing and Management, Virginia Tech, e-mail: [rsmith4@vt.edu](mailto:rsmith4@vt.edu), or visit: [www.conted.vt.edu/sfp/](http://www.conted.vt.edu/sfp/).

### **Educational Technology Leadership Conference**

**December 5–7**

*The Hotel Roanoke & Conference Center*

This conference is designed to provide a forum for those who are responsible for the planning, coordination, and implementation of educational media and technology programs. This

includes coordinators of instructional technology, library media, distance learning, and instructional computing applications. Division superintendents, curriculum coordinators, staff development specialists, administrative computing specialists, university teacher education professionals, and telecommunication professionals benefit from the program and the contact with colleagues from across the commonwealth.

For information or assistance, please contact: Joyce Faye White, Virginia Department of Education, 804/225-2958, e-mail: [JoyceFaye.White@doe.virginia.gov](mailto:JoyceFaye.White@doe.virginia.gov), or visit: [www.pen.k12.va.us/VDOE/Technology/OET/conf.shtml](http://www.pen.k12.va.us/VDOE/Technology/OET/conf.shtml).

### **Oak Drying Workshop**

**December 7–9**

*The Hotel Roanoke & Conference Center*

This workshop provides practical information on the techniques and procedures for the quality drying of oak and other hardwood lumber in steam and dehumidification dry kilns and in predryers.

For information or assistance, please contact: Brian Bond,

Department of Wood Science and Forest Products, Virginia Tech, 540/231-8752, e-mail: [bbond@vt.edu](mailto:bbond@vt.edu), or visit: [www.conted.vt.edu/oakdrying/](http://www.conted.vt.edu/oakdrying/).

### **Specifying and Interpreting Geotechnical Lab Tests**

**December 12–13**

*The Inn at Virginia Tech & Skelton Conference Center*

This is a practical short course on selecting appropriate soil laboratory tests, establishing proper test parameters, and interpreting test results to characterize soil behavior for geotechnical engineering applications. Participants receive 14 hours of instruction, comprehensive course notes and supplemental references for subjects covered in the course, refreshment breaks, lunch each day, and 1.4 continuing education units (CEU's).

For information or assistance, please contact: Charles (C.J.) Smith, Center for Geotechnical Practice and Research, Virginia Tech, 540/231-5052, e-mail: [cjs@vt.edu](mailto:cjs@vt.edu) or visit: [www.conted.vt.edu/sigt/](http://www.conted.vt.edu/sigt/).

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Visit our home page at: [www.outreachprogramdevelopment.vt.edu/](http://www.outreachprogramdevelopment.vt.edu/)

This newsletter is published quarterly by Outreach Program Development, 702 University City Boulevard, Mail Code 0272, Virginia Tech, Blacksburg, VA 24061.

## Outreach Program Development

Continuing and Professional Education  
Center for Organizational & Technological Advancement (COTA)  
Outreach Program Services  
English Language Institute  
Service-Learning Center  
Upward Bound/Talent Search  
The Hotel Roanoke & Conference Center  
The Inn at Virginia Tech & Skelton Conference Center

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and address changes to the  
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