Virginia Tech

Employment Opportunity Bulletin

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Virginia Tech has a strong commitment to the principles of diversity, inclusion, and to maintaining a work and learning environment that is free of all forms of discrimination. As a result this institution does not tolerate discrimination or harassment on the basis of age, color, disability, gender, national origin, political affiliation, race, religion, sexual orientation, or veteran status. Anyone having questions concerning discrimination should contact the Office of Equal Opportunity: (540) 231-7500.
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Founded in 1872 as a land-grant college named Virginia Agricultural and Mechanical College, Virginia Tech is now a comprehensive, innovative research university with the largest full-time student population in Virginia, more than 100 campus buildings, a 2,600-acre main campus, and a 1,700-acre agriculture research farm. Through a combination of its three missions of instruction, research, and public service, Virginia Tech continually strives to accomplish the charge of its motto: Ut Prosim (That I May Serve).

Virginia Tech Core Values
- Freedom of Inquiry
- Mutual Respect
- Lifelong Learning
- A Commitment to Diverse and Inclusive Communities
- Ut Prosim (That I May Serve)
- Personal and Institutional Integrity
- A Culture of Continuous Improvement

Invent the Future™ with Virginia Tech
Virginia Tech has an outstanding record of growth and stability and offers a wide variety of exciting and challenging employment opportunities. We are an inclusive community with a vibrant arts scene, state of the art conference facilities, world class faculty, highly motivated students and staff, nationally competitive athletics, premier economic development programs, award-winning on-campus dining programs, and a nationally recognized public transit system. Employees enjoy a competitive benefits package and institutional policies that emphasize work/life balance. With a record of innovative research and academic excellence, Virginia Tech consistently ranks among the top national public universities.

The main campus is located in Blacksburg, a vigorous stimulating community nestled on a plateau between the Blue Ridge and Allegheny mountains. Because of the town’s award-winning services, reasonable cost of living, safety, moderate climate, and abundant leisure activities, Blacksburg is consistently ranked among the country’s best places to live and has a nationwide reputation as a well-managed, stable, and forward-looking community.

Please consider joining our community of diverse and talented employees as we Invent the Future™.
<table>
<thead>
<tr>
<th>Employee Category: <strong>Instructional/Research Faculty</strong></th>
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<tr>
<td><strong>Working Title</strong></td>
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<tr>
<td><strong>Instructor, Chemistry</strong></td>
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<td><strong>Department Review Date:</strong> 02-13-2012</td>
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<td><strong>Position Responsibilities:</strong></td>
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<tr>
<td>Teaching assignments will be in freshman, general chemistry or a closely related area. The Department Chair will make specific assignment of courses each semester. Duties will include preparation of course materials, presentation of topics, coordination of GTAs involved, grading, assisting students individually, and other such activities as may be required to accomplish the instruction function.</td>
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</table>

| **Visiting Assistant Professor of French** | 0121389 |
| **Department Review Date:** 03-15-2012 |
| **Position Responsibilities:** |
| The Department of Foreign Languages and Literatures at Virginia Polytechnic Institute and State University (Virginia Tech) invites applications for a Visiting Assistant Professor of French. This is a one-year replacement position. The teaching load is three courses per semester. |

| **Instructor, Chemistry** | 0121397 |
| **Department Review Date:** 02-13-2012 |
| **Position Responsibilities:** |
| Teaching assignment will be in analytical labs, physical chemistry labs and physical chemistry for life sciences lecture. The department chair will make the specific assignment of courses each semester. Duties will include delivering lectures, coordination of GTA's involved, assisting students individually and creating/updating existing experiments as well as other such activities required to accomplish the instruction function. |

| **Clinical Instructor, Large Animal Medicine** | 0121463 |
| **Department Review Date:** 04-01-2012 |
| **Position Responsibilities:** |
| The Department of Large Animal Clinical Sciences of Virginia-Maryland Regional College of Veterinary Medicine invites applications for a one year Clinical Instructor position in Large Animal Medicine. This position is designed for a candidate who has recently completed a residency training program in Large Animal Internal Medicine but has not yet achieved diplomate status through ACVIM. Responsibilities include the management of patients, communications with owners and referring veterinarians and instruction of residents and senior veterinary students. The Clinical Instructor will provide emergency service to the VTH on a rotational basis and clinical faculty in LAM will provide back-up assistance. Percentage of daytime hours vs. emergency duty will be dependent upon the Clinical Instructor's remaining requirements for achieving diplomate status (ie. if the Instructor needs to pass the certifying exam only, then time commitment will be swayed towards after hours duty, allowing daytime hours to be dedicated to exam preparation). The Clinical Instructor will participate in journal club, case rounds and resident rounds on a weekly basis. |
| In addition, the Clinical Instructor may participate in the delivery of lectures, laboratories and continuing education programs on a limited basis. The Large Animal Medicine Service case load consists of mostly referral equine patients, but camelids, small ruminants, and occasional porcine and bovine patients. The Veterinary Teaching Hospital is a modern, well-equipped facility with state-of-the-art equipment and facilities including video-endoscopy, ultrasonography, neuro-electrodiagnostics (EEG, EMG, BAER), digital radiography, nuclear imaging, CT scan, arthroscopy, laparoscopy, Nd-YAG laser and large animal isolation unit. |

**Apply Online:** [http://jobs.vt.edu](http://jobs.vt.edu)**

*Tuesday, May 01, 2012*
We seek a qualified individual to fill an assistant professor position in the areas of public management, public organizations/organization theory, and research methods. We are especially interested in candidates with one or more of the following specializations: network analysis, local government management, leadership, budgeting and financial management, quantitative and qualitative methods, and administrative ethics. Teaching responsibilities will include both introductory courses and advanced seminars supporting the program's masters and doctoral degrees. We are one program in three locations, thus candidates can expect to teach courses on occasion that include students from our other program locations. There are also opportunities for interdisciplinary teaching and research in collaboration with faculty from the other programs in the School of Public and International Affairs.

Position Responsibilities:

We seek a qualified individual to fill an assistant professor position in the areas of public management, public organizations/organization theory, and research methods. We are especially interested in candidates with one or more of the following specializations: network analysis, local government management, leadership, budgeting and financial management, quantitative and qualitative methods, and administrative ethics. Teaching responsibilities will include both introductory courses and advanced seminars supporting the program's masters and doctoral degrees. We are one program in three locations, thus candidates can expect to teach courses on occasion that include students from our other program locations. There are also opportunities for interdisciplinary teaching and research in collaboration with faculty from the other programs in the School of Public and International Affairs.

Position Responsibilities:

The Department of Biomedical Sciences and Pathobiology in the Virginia Maryland Regional College of Veterinary Medicine at Virginia Tech has an open tenure or clinical-track faculty position at the rank of Assistant or Associate Professor. The successful tenure-track applicant will be expected to develop an extramurally-funded research program, participate in diagnostic service, teach in the professional (DVM) clerkships, and train residents in anatomic pathology. The approximate research FTE is 50%, while the other 50% FTE will be distributed between Service and Clinical teaching. The successful clinical-track applicant will be expected to have 60% FTE in Clinical activities (including enhancing the clinical service), while the other 40% FTE will be distributed between collaborative Research and Teaching. We are seeking candidates with research interests that fit into one or more of the three main research focus areas of the college: (i) Inflammatory/Regulatory Disorders (e.g. Cancer), (ii) Infectious Diseases, and (iii) Regenerative Medicine (e.g. tissue repair). Work at the interface of these focus areas, as well as that with a translational medicine emphasis, is desired. Opportunities to develop independent and collaborative research programs exist both within the college and with other life sciences-oriented departments, colleges, and institutes on campus. Opportunities for instructional participation are available at the graduate level and can be tailored to the candidates’ interests and expertise. Excellent opportunities also exist to mentor and train Ph.D. students. This is a 12-month tenure-track position and is part of active recruiting for multiple faculty positions in the college, all of which provide a vibrant environment to collaborate.

Full consideration is assured to applications received by April 1, 2012. Interested individuals should electronically submit a curriculum vitae, letter of intent outlining academic record, career goals, a research plan, and names and addresses of three professional references at http://www.jobs.vt.edu. Should you need more information, please contact Dr. Ansar Ahmed, Chair of the Anatomic Pathology Search Committee and Head, Biomedical Sciences and Pathobiology, VMRCVM. Phone: (540) 231-4652, ansrahmd@vt.edu

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For more information about the college, please visit http://www.vetmed.vt.edu; for departmental information including other areas of expertise please visit http://www.vetmed.vt.edu/org/dbsp/index.asp. Please also visit the web links of four Virginia Tech life/health sciences-related Institutes, which foster intercollegiate research interactions. These include: (1) Fralin Life Sciences Institute: http://www.biotech.vt.edu/; (2) VT Carilion Research Institute: http://vtc.vt.edu/research/; (3) Virginia Bioinformatics Institute: http://www.vbi.vt.edu/; (4) Institute for Critical Technology and Applied Science: http://www.ictas.vt.edu/. Opportunities for translational research in collaboration with faculty in the College’s Departments of Large and Small Animal Clinical Sciences and the Via College of Osteopathic Medicine exist as well.
**Employee Category:** Instructional/Research Faculty

**Working Title**

Department Head and Professor of Mechanical Engineering

**Posting Number**

0121509

**Department Review Date:** 04-01-2012

**Position Responsibilities:**

Provide leadership, management, and vision for the ME faculty, staff and students and their programs to further elevate the national prominence of the department; hold a clear understanding of the role and mission of the department and vision for its future direction, to involve further development of existing strengths, creating new disciplines in emerging fields within mechanical engineering, and strengthening interdisciplinary efforts across the university; be a strong and effective advocate of the department to the college and the university administration, industry, and government agencies; encourage the creativity, scholarship, development, and teamwork among the faculty, staff, and students; lead fund-raising efforts by promotion of sponsored research and by cultivating corporate, governmental, alumni and other private support; exercise administrative responsibility for planning, fiscal management, human resources, and communication within the department; provide commitment and sensitivity to issues of diversity in the campus community.

**Clinical Assistant Professor in Equine Surgery and Emergency Care**

0121511

**Department Review Date:** 04-01-2012

**Position Responsibilities:**

A faculty position at the level of Clinical Assistant Professor, Equine Surgery & Emergency Care is being offered at Virginia Tech's Marion duPont Scott Equine Medical Center, in Leesburg, Virginia. The individual filling the position will be responsible for complete diagnosis of equine diseases in all body systems, treatment of both medical, surgical and reproductive conditions affecting horses, dentistry, and surgery including but not limited to abdominal surgery, arthroscopic surgery, tenoscopic surgery, fracture repair, including bone plating, celiotomy, caesarian section, upper airway reconstruction, urogenital surgery, tumor removal, and hoof repair. Responsibilities include teaching diagnostic techniques, medical, surgical and reproductive treatments and prognosis to surgery residents and veterinary students and veterinary technicians. Hospital responsibilities include receiving patients and clients for elective and emergency diagnosis and treatment both outpatient and inpatient care. Management of equine patients includes maintaining accurate medical records with a history, examination results, treatments, dismissal information and fees for service. Attendance is expected at hospital rounds, services rounds, journal club, resident seminars and faculty meetings.

**Visiting Assistant Professor, Higher Education**

0121534

**Department Review Date:** 03-19-2012

**Position Responsibilities:**

The School of Education is seeking an individual for a Visiting Assistant Professor position in Higher Education. This position is a full-time, visiting appointment for one academic year, August 10, 2012 - May 9, 2013. The Higher Education program resides in the Department of Educational Leadership and Policy Studies in the School of Education. The position includes teaching and advising students who are seeking an M.A.Ed. or Ph.D. in Higher Education. The successful applicant should have a special interest in developing one or more courses on diversity issues in higher education and may be expected to teach survey courses about organizational and student development theory, and college and university administration. Additional responsibilities include advising students, serving on examining committees, collaborating with other faculty in the department and the School of Education, and developing/maintaining a systematic line of research and scholarship in the field.

**Apply Online:** [http://jobs.vt.edu](http://jobs.vt.edu)
Employee Category: Instructional/Research Faculty

Working Title

Visiting Assistant Professor, Counselor Education

Posting Number: 0121524

Department Review Date: 03-30-2012

Position Responsibilities:
The Virginia Tech School of Education at the Northern Virginia Center (Falls Church) invites applications and nominations for a 9-month, visiting assistant professor academic appointment to teach and supervise in the Counselor Education Program (www.soe.vt.edu/counselored) for the 2012-2013 academic year. Opportunities for summer teaching may be available. Responsibilities for this position include, but are not limited to, teaching master's counselor education courses; advising counselor education students; providing counseling supervision; actively participating in program and departmental activities, and in professional counseling organizations.

Assistant or Associate Professor - Clinical Track Surgery

Posting Number: 0121504

Department Review Date: 04-15-2012

Position Responsibilities:
The Department of Small Animal Clinical Sciences of the Virginia-Maryland Regional College of Veterinary Medicine announces a search to fill a 12 month, clinical-track faculty position as an Assistant or Associate Professor in Small Animal Surgery.

- The primary job responsibility will be to lead a surgical service (orthopedics, soft tissue or auxiliary).

- Responsibilities will include primary patient care and clinical training of students, interns and residents assigned to the surgical service.

- Additional service responsibilities include consultations within the Veterinary Teaching Hospital and outside referring veterinarians, participate in continuing education programs of the College and participate in faculty governance activities.

- Other teaching assignments may include junior operative practice laboratories and didactic teaching of core, track and/or elective student courses.

- Participation is expected in general Small Animal Surgery service activities, such as meetings, resident seminars, journal club and rounds.

- Research responsibilities will vary based on the interest and qualification of the candidate and may include collaborative or translational research. The successful candidate will be encouraged to work with ongoing research programs and contribute to the scholarly achievements of the department.

- Applicant must be committed to excellent patient management, client service, and clinical teaching.

This position requires a DVM or equivalent degree and completion of ACVS approved residency program.
Assistant Professor, Food Animal Production Medicine

**Department Review Date:** 03-19-2012

**Position Responsibilities:**

The Department of Large Animal Clinical Sciences at Virginia-Maryland Regional College of Veterinary Medicine (VMRCVM), Blacksburg, VA, invites applications from energetic, qualified individuals for a full-time, calendar year faculty position in Food Animal Production Medicine. The position will be a tenure track position at the rank of Assistant Professor.

**Duties include:**

-- Significant contribution and participation in pre-clinical didactic and laboratory instruction in food animal medicine/surgery and related disciplines. There will be the opportunity to provide services to clients of the veterinary teaching hospital and training professional DVM students, interns and residents and ensuring the students have a valuable learning experience during their food animal rotations.

-- A primary focus of the position will be to develop an independent research program focused on food animals. In addition, the successful candidate will be a resource for clinical research by other members of the department. There may also be the opportunity to collaborate with University research clusters on topics such as obesity, infectious diseases, or inflammatory disease.

-- Cooperate with other clinical faculty in the VTH, Department, and CVM with particular emphasis on being a role model for DVM students in the Food Animal track of the program and to progressively assume a greater leadership role in this section.

-- An expectation to participate in continuing education and outreach programs of the college that deal with food animals.

-- Ensure that the professional activities you provide and have influence over in PMM, are of the highest ethical and professional standards. As for all areas of our professional endeavor, it is essential that all members of the CVM faculty provide a nurturing and supportive learning environment for all students (professional and post-DVM) and staff under their influence.

-- Contribute to College and University governance through membership on relevant committees and commissions.

Salary will commensurate with qualifications and experience.

Assistant Professor of Spanish

**Department Review Date:** 03-22-2012

**Position Responsibilities:**

Virginia Polytechnic Institute and State University invites applications for an assistant professor of Spanish.

Visiting Assistant Professor of Spanish

**Department Review Date:** 03-15-2012

**Position Responsibilities:**

The Department of Foreign Languages and Literatures at Virginia Polytechnic Institute and State University (Virginia Tech) invites applications for a Visiting Assistant Professor of Spanish to begin August 2012. This is a one-year replacement position. The teaching load is three courses per semester.

**Apply Online:** [http://jobs.vt.edu](http://jobs.vt.edu)
**Employee Category:** Instructional/Research Faculty

**Working Title**

Visiting Professor of Engineering Education

**Posting Number**

0121552

**Position Responsibilities:**

The Department of Engineering Education at Virginia Tech is seeking to fill a Visiting Faculty Position in Engineering Education Research. The faculty position requires expertise in the broad area of engineering education research, which could include but is not limited to educational research methods, assessment, engineering learning, or recruitment, retention and broadening participation in engineering careers. Candidates should have demonstrated expertise in one of these areas as evidenced by a publication record and professional service. The faculty position is ideally suited for a faculty member on sabbatical leave, or for PhDs with relevant expertise desiring a career transition. Appointments may vary depending on the interests of the candidate.

The Visiting Faculty member will be expected to teach graduate level engineering education courses supporting the Graduate Certificate and PhD in Engineering Education. They may also be asked to contribute to the department's Graduate Committee and the mentoring of graduate students about their research. Research collaborations with current faculty members in the department are encouraged.

**Department Review Date:** 03-19-2012

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**Position Responsibilities:**

Duties will include the teaching of graduate and undergraduate classes, conducting research and publishing in scholarly journals, conducting scholarly activities and providing administrative services to the department, college, and university as well as service to appropriate national organizations.

**Department Review Date:** 03-19-2012

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**Position Responsibilities:**

The Department of Agricultural and Extension Education (AEE) at Virginia Polytechnic Institute and State University seeks an assistant professor to serve as Director of the Residential Leadership Community (RLC), beginning fall 2012. The Director will have overall responsibility for successfully managing an innovative partnership between academic and student affairs that provides a Residential Leadership Community for first-year students and additional leadership development opportunities for returning students. This is a non-tenure track, calendar-year position with renewable appointment. Applicants must possess a doctoral degree in leadership education or related field, have evidence of scholarship and practical experience related to leadership and social change, and be willing to contribute to innovative interdisciplinary scholarship and the wider mission of AEE. The Department has strong ties with other departments on campus, and the successful candidate will be encouraged to construct cross-departmental ties with those relevant to their research and teaching interests. Selected candidate will teach at least one leadership course each semester; negotiated teaching responsibilities in each semester including summer. Direct the RLC, to include: recruit faculty, staff courses, coordinate curriculum, work with budget, advise/mentor undergraduate students, and assess the success of the program. Work collaboratively with Academic and Student Affairs, the Center for Instructional Development and Educational Research, and with faculty and stakeholders to develop the curriculum and enhance the mission and operations of the RLC. Work closely with Department of Housing and Residence Life personnel with application and selection of candidates for the program, selection of RLC Resident Advisors, student issues and concerns, and community policy and protocol. Pursue a program of scholarship and inquiry appropriate to leadership studies and learning communities. Participate in the activities of the department in areas of outreach and service. Fulfill expectations of the general faculty as described in the Faculty Handbook, online at: http://www.provost.vt.edu/facultyhandbooks.php. Work closely with the Center for Student Engagement and Community Partnerships to create service-learning and volunteer opportunities for students. Supervise one part-time staff member, one graduate assistant, and multiple undergraduate interns. Engage in opportunities to advise graduate students and serve on thesis and dissertation committees.

**Department Review Date:** 03-30-2012

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**Apply Online:** [http://jobs.vt.edu](http://jobs.vt.edu)
Employee Category: Instructional/Research Faculty

Working Title: Adult Day Services Director
Posting Number: 0121599

Position Responsibilities:
The Director of the Virginia Tech Adult Day Services is responsible for the daily operations and overall management of the program and services of the Center. The Director reports directly to the Head of the Department of Human Development. The responsibilities of the Director include:

1. Management of the Center's services and programs, including compliance with local, state and/or federal regulatory agencies and Virginia Tech policies;

2. Orientation, training, and scheduling of all Center staff and students, including supervision of all staff and coordination of their activities to assure the needs of participants and families are met;

3. Providing direct care to adult day service participants, filling in for staff as needed and as within scope of practice;

4. Monitoring the Center's operating budget and supervising fiscal operations, including meeting funding source requirements for payment of participant fees, submitting Quarterly Accounts Receivable reports and the annual Center report, assisting with grant applications, and coordinating fund-raising efforts;

5. Coordinating services with other human service agencies and programs, including emphasizing public awareness of the day services program and advocacy for quality services;

6. Initiate quality assurance of participant care by leading and delegating responsibilities for staff and student in-service training and weekly staff meetings; lead care planning conferences with families and participate in developing interdisciplinary plans of care;

7. Fulfillment of duties and responsibilities in the Department of Human Development consistent with faculty instructor status;

8. Collaborating with the Department of Human Development's Director of Research for Adult Day Services, the Director of Intergenerational Programs, the Child Development Center for Learning and Research, and the Advisory Committee to the Adult Day Services and Child Development Center for Learning and Research to forward the University goals of learning, discovery and engagement.

Neurophysiologist
Posting Number: 0121571

Position Responsibilities:
This is a full-time, academic year, tenure-track position at the Assistant Professor rank with an initial appointment of 70% research and 30% teaching in the Department of Animal and Poultry Sciences at Virginia Polytechnic Institute and State University. The Department has strengths in animal and biomedical research that span the fields of growth, nutrition, physiology, immunology, and genetics (www.apsc.vt.edu). The ideal candidate for this position will have a strong background in neurophysiology, as evidenced by a strong scholarship and funding record. Experience with neural control of food intake, metabolism, endocrine secretion and muscle contraction is highly desirable. However, strong candidates with expertise in other aspects of neurophysiological research will be given full consideration. The successful candidate will be expected to collaborate with faculty members on and off campus, and to develop a strong graduate student program. He or she will also be expected to contribute to undergraduate and/or graduate education by teaching courses in their area of expertise. Successful candidates will have access to animal facilities and research laboratories containing state of the art equipment.

Apply Online: http://jobs.vt.edu
Employee Category: Instructional/Research Faculty

Working Title: Assistant Professor
Posting Number: 0121592

Department Review Date: 05-01-2012

Position Responsibilities:
The Department of Human Nutrition, Foods and Exercise (http://hnfe.vt.edu) invites applications for a 9-month tenure-track appointment with research and teaching responsibilities at the level of Assistant Professor. We seek an outstanding individual with the unique experience, perspective and capabilities to develop a research program focusing on food and health. Desired areas of expertise are interaction of foods and dietary components (e.g. phytochemicals, nutraceuticals, pre-and pro-biotics, etc.) on metabolism, chronic disease and/or health (e.g. gastrointestinal health, immune function, biomarkers etc.).

Visiting Assistant Professor, Political Philosophy
Posting Number: 0121625

Department Review Date: 04-14-2012

Position Responsibilities:
The Department of Philosophy and the interdisciplinary program, the Alliance for Social, Political, Ethical, and Cultural Thought (ASPECT), invite applications for a Visiting Assistant position in the Philosophy Department, to begin August 10, 2012. Rank: Visiting Assistant Professor; AOS: Political Philosophy; AOC: Philosophy of Law. The department is a major component of two interdisciplinary programs: the Alliance for Social, Political, Ethical and Cultural Thought (ASPECT) and Science and Technology Studies (STS). This position will involve graduate teaching in the ASPECT program http://www.aspect.vt.edu, so the candidate will have a special interest in and commitment to interdisciplinary teaching and research connected with the ASPECT program. The teaching load is three (3) courses per semester, including undergraduate and graduate. Primary responsibilities are:
- Teaching undergraduate and graduate coursework in philosophy and ASPECT
- Development and maintenance of a nationally or internationally recognized research program in philosophy and related interdisciplinary topics

Please see http://phil.vt.edu for a complete description of the department, and http://www.aspect.vt.edu/ for a complete description of the ASPECT program.

*Open (or Multi) Rank Instructional Faculty Position
Posting Number: 0111335

Department Review Date: 04-13-2012

Position Responsibilities:
Primary responsibilities include:
- Teaching undergraduate and graduate coursework in fisheries techniques, fisheries management, and/or human dimensions of fisheries and wildlife management
- Participation in departmental committees
- Obtaining sponsored funding in support of research program in human dimensions of fisheries and wildlife management

Please see http://fishwild.vt.edu/instructional_faculty.htm for a complete description of position responsibilities and the department.

Apply Online: http://jobs.vt.edu
### Clinical Assistant Professor, Educational Leadership

**Position Responsibilities:**
The School of Education at Virginia Tech (www.soe.vt.edu) invites applications for a full-time or three-quarter part-time clinical assistant professor in educational leadership to be located on the Blacksburg campus. The appointment will be for up to 5 years with an option for renewal. Responsibilities will include teaching graduate courses either face-to-face or electronically from the master's through doctoral level at any one of six instructional sites across the Commonwealth of Virginia, seeking external funding, serving on doctoral committees, developing courses and instructional materials, collaborating with faculty, advising students, serving on university committees, actively participating in professional organizations, and working collaboratively with Virginia schools and districts.

**Department Review Date:** 04-15-2012

### Visiting Assistant Professor of Cinema Production (linked w/ICAT)

**Position Responsibilities:**
- In addition to teaching, the successful candidate will create an experimental cinematic work in collaboration with the Institute for Creativity, Arts, and Technology (http://www.icat.vt.edu) and its affiliated faculty. This experimental work should explore what can be done in an arts space that is currently under construction on the campus. The work will have a world premier at the grand opening of this unique experimental space (the Collaborative Performance Lab) which is scheduled for opening in the Fall of 2013. The venue is a 4-story cube that can incorporate projection on all six interior sides and on one external wall. It has 48 speakers on all 4 levels for immersive surround-sound in the venue. Summer funding in summer 2013 and one part time graduate assistant will be provided to support the completion of this work.
- teach digital cinema production classes with either narrative or documentary focus at the introductory and intermediate level
- have the versatility to teach other courses across the department's curriculum, including visual analysis and/or film history
- responsibilities include teaching 1 or 2 courses each semester, and mentoring and advising undergraduate students who have declared the cinema emphasis

Please see http://www.theatrecinema.vt.edu/ for a complete description of position responsibilities and the department.

**Department Review Date:** 06-01-2012

### Visiting Assistant Professor of Cinema Production (standard)

**Position Responsibilities:**
- teach digital cinema production classes with either narrative or documentary focus at the introductory and intermediate level
- have the versatility to teach other courses across the department's curriculum, including visual analysis and/or film history
- responsibilities include teaching 2 - 3 courses each semester, mentoring and advising undergraduate students who have declared the cinema emphasis
- collaborative departmental service to include creation of digital media related to Theatre and Cinema Department recruiting
- additional opportunities will include collaboration on theatre projection design, and/or with the Institute for Creativity, Arts, and Technology and its affiliated faculty.

Please see http://www.theatrecinema.vt.edu/ for a complete description of position responsibilities and the department.

**Department Review Date:** 06-01-2012

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**Apply Online:** http://jobs.vt.edu

*Tuesday, May 01, 2012*
The Virginia Tech Carilion Research Institute (VTCRI) in Roanoke, Virginia (http://research.vtc.vt.edu/) is recruiting a faculty member working in the area of the biology of aging, neurodegeneration and/or regeneration. The position may be filled at the Assistant, Associate or full Professor level. Start-up packages, facilities and support are highly competitive. The VTCRI that opened in the summer of 2010 and has 12 research teams with over 30 active research grants is in the process of recruiting an additional 15-20 research teams. The Institute has state of the art facilities in optical, high field electron and magnetic resonance imaging, as well as molecular biology, electrophysiology, computational and high capacity data analysis/storage and rodent/human behavior facilities. During this period of major growth of the new institute, we are especially interested in colleagues who enjoy a highly collaborative environment and interacting with investigators from their own as well as other disciplines including those working at molecular, engineering, computational and behavioral levels with animal models and/or humans. Investigators using genetic and/or imaging approaches to study the aging brain and cognitive function including discovery of biomarkers and/or interaction with the immune or endocrine systems are encouraged to apply. The VTCRI is immediately adjacent to the Carilion clinic and hospital and the new VTC School of Medicine where all medical students carry out 3-4 year research projects. The institute has strong collaborative ties with the Virginia Bioinformatics Institute and the School of Biomedical Engineering and Sciences at Virginia Tech (VT) as well as with the VT Departments of Biological Sciences, Biochemistry, Physics, Psychology and the College of Veterinary Medicine. The research institute - medical school complex is located in the picturesque Roanoke Valley midway between Washington DC and Charlotte, NC.

Position Responsibilities:

The Virginia Tech Carilion Research Institute (VTCRI) in Roanoke, Virginia (http://research.vtc.vt.edu/) is recruiting a faculty member working in the area of cardiovascular or cerebrovascular function in health and disease throughout the lifespan. The position may be filled at the Assistant, Associate or full Professor level. Start-up packages, facilities and support are highly competitive. The VTCRI that opened in the summer of 2010 and has 12 research teams with over 30 active research grants is in the process of recruiting an additional 15-20 research teams. The Institute has state of the art facilities in optical, high field electron and magnetic resonance imaging, as well as molecular biology, electrophysiology, computational and high capacity data analysis/storage and rodent/human behavior facilities. During this period of major growth of the new institute, we are especially interested in colleagues who enjoy a highly collaborative environment and interacting with investigators from their own as well as other disciplines including those working at molecular, engineering, computational and behavioral levels with animal models and/or humans. Investigators using genetic and/or imaging approaches to study cardio- or cerebrovascular function and/or its neural regulation are encouraged to apply. The VTCRI is immediately adjacent to the Carilion clinic and hospital and the new VTC School of Medicine where all medical students carry out 3-4 year research projects. The institute has strong collaborative ties with the Virginia Bioinformatics Institute and the School of Biomedical Engineering and Sciences at Virginia Tech (VT) as well as with the VT Departments of Biological Sciences, Biochemistry, Physics, Psychology and the College of Veterinary Medicine. The research institute and medical school are located in the picturesque Roanoke Valley midway between Washington DC and Charlotte, NC.

Apply Online: http://jobs.vt.edu
Instructor, Electrical & Computer Engineering

**Position Responsibilities:**
The Bradley Department of Electrical and Computer Engineering at Virginia Tech seeks applications for an Instructor. We are specifically seeking candidates with the ability to teach courses in software and embedded systems and to contribute to the department’s overall undergraduate program.

- There is no research requirement associated with this appointment
- Teaching undergraduate coursework in electrical or computer engineering, specifically in software and embedded systems
- Participation in departmental, college, and university committees
- Advising and mentoring students

Please see http://www.ece.vt.edu for a description of the department.

**Department Review Date:** 05-18-2012

Instructor of Studio Art

**Position Responsibilities:**
Instructional faculty position at the rank of Instructor. This full-time appointment has an annual 6 class teaching load and school/college service duties during the academic year. Typical teaching responsibilities include, but are not limited to, teaching Principles of New-Media, Principles of Art and Design, Drawing 1 and Drawing 2 within SOVA's Foundations of Art and Design program. Additional teaching may include Intro to Painting.

Applicants who are sensitive to the value of technology in relation to traditional foundational curriculum are encouraged to apply. The Foundation's program maintains a forward-thinking dialogue regarding studio pedagogy in relation to contemporary art and design. Successful candidates should demonstrate teaching abilities that effectively integrate a technologically expanded understanding of image making in a studio environment while providing a foundational learning experience for first year undergraduate students. Applicants are expected to work collaboratively to maintain a first-year learning environment that encourages creativity, diligence and dexterity.

**Department Review Date:** 05-21-2012

Open (or Multi) Rank Instructional Faculty Position

**Position Responsibilities:**
The College of Science at Virginia Tech (http://www.science.vt.edu) is expanding its research presence in neutrino physics. As part of this initiative, the Department of Physics has a tenure-track opening in experimental particle physics with an emphasis on the study of neutrinos, to start in the Fall of 2012. Appointment at the assistant professor level is anticipated but exceptional senior candidates will be considered. Preference will be given to experimentalists who can expand our existing research efforts under the auspices of the Center for Neutrino Physics (http://neutrinos.phys.vt.edu). Current activities in neutrino physics include the Borexino experiment at the Gran Sasso Laboratory in Italy, the Daya Bay experiment at the Daya Bay nuclear reactor facility in China, the proposed LENS (Low-Energy Neutrino Spectroscopy) experiment (including the ongoing mini-LENS program), and the proposed Long Baseline Neutrino Experiment at DUSEL.

RESPONSIBILITIES:
The person appointed will have the following responsibilities:

- the development and maintenance of a distinguished research program;
- the continuing development of her/his own scholarly activities and professional capabilities;
- active and effective participation in undergraduate and graduate instruction and student advising;
- active and effective participation in department and university administrative governance; and,
- adherence to the responsibilities of the general faculty as described by the Faculty Handbook (http://www.provost.vt.edu).

**Department Review Date:** 01-03-2012

**Apply Online:** http://jobs.vt.edu
DEPARTMENT OF MECHANICAL ENGINEERING seeks to fill a new tenure-track faculty position in NUCLEAR ENGINEERING to further develop its new nuclear engineering program. The position is open to the ranks of Assistant or Associate Professor. Applicants with a PhD or ScD and having industrial/national laboratory or post-doctoral experience are strongly encouraged to apply. Current students expecting their PhD or ScD within this academic year may also apply. Successful applicants must have a doctorate in nuclear engineering, mechanical engineering, or a related field. They will be expected to develop a strong research program and contribute to the educational mission of the nuclear engineering program and the Department of Mechanical Engineering at both the undergraduate and graduate levels. We are seeking applicants having strong interdisciplinary interests across all areas of nuclear engineering. We are particularly interested in candidates with expertise in nuclear reactor thermal hydraulics, reactor safety, radiation detection, instrumentation and control, nuclear safeguards, or fuel cycle and nuclear waste.

Primary responsibilities include:
- Teaching undergraduate and graduate coursework in nuclear engineering and/or mechanical engineering
- Developing and maintaining a nationally or internationally recognized research program in nuclear engineering
- Participating in departmental, college, and university committees
- Advising and mentoring students
- Participating in outreach activities, such as continuing education workshops
- Obtaining sponsored funding in support of research program
- Serving the profession through involvement in relevant professional societies such as ANS or ASME
- Publishing actively in peer reviewed conferences and journals

Please see http://www.me.vt.edu for a complete description of position responsibilities and the department.

The School of Architecture + Design in the College of Architecture and Urban Studies at Virginia Tech is seeking applications for a full-time tenured or tenure-track instructional faculty academic year appointment at the rank of Assistant or Associate Professor of Landscape Architecture.

This appointment within the Landscape Architecture Program is located at the Washington-Alexandria Architecture Center (WAAC), Alexandria, VA. Responsibilities include graduate-level teaching (design studio plus required lecture/seminar courses) within a professionally accredited landscape architecture program focused on the urban/civic landscape. Candidates should demonstrate excellence in design studio teaching, and an interest in working with graduate students in landscape architecture, architecture, natural resources, and planning. Applicants experienced in the use of current digital applications in support of teaching, scholarly activities, or creative practice are encouraged to apply.

As the urban extension of the College of Architecture and Urban Studies, the WAAC provides a unique setting for urban-focused and interdisciplinary design education with access to the rich cultural, research, and outreach resources of the Washington metropolitan area (including the Library of Congress, the National Building Museum, the American Society of Landscape Architects, and Dumbarton Oaks).

This position carries the responsibility of contributing to the teaching/learning, research/discovery, and outreach/engagement missions of the university. The student body at the WAAC includes graduate students in landscape architecture, architecture, and urban affairs and planning, as well as undergraduates from a consortium of national and international architecture schools. Applicants should be willing to engage a broad and diverse student population, collaborate within and across academic disciplines, develop and pursue a research/scholarly agenda, and disseminate the results in appropriate venues. Assignments include developing and/or revising courses and curricula, academic and thesis advising, and sharing in other instructional, administrative, and service responsibilities.

Apply Online: http://jobs.vt.edu
Employee Category: Instructional/Research Faculty

Working Title

Visiting Instructor

Posting Number

0111155

Position Responsibilities:
The School of Architecture + Design in the College of Architecture and Urban Studies at Virginia Tech is seeking applications for full-time instructional faculty academic year appointments at the rank of Visiting Instructor.

Responsibilities include teaching a design studio plus a required lecture/seminar course in the Architecture, Interior Design, Industrial Design, or Landscape Architecture programs. Candidates should demonstrate excellence in teaching design studio and in teaching required courses related to their specific expertise. Candidates are expected to teach across the undergraduate and graduate programs. Successful candidates should demonstrate teaching abilities that effectively integrate the learning experience of the design studio with the school's growing initiatives in areas such as design research, urban design, building science, sustainable design, digital representation/simulation/fabrication, and design/build. The School of Architecture + Design offers ample opportunities for faculty cooperation and interaction within the School and College, as well as across the university. Applicants are expected to work collaboratively and encouraged to work across disciplines.

Open Rank Instructional Faculty Position, Bioprocess Engineering

Posting Number

0111202

Position Responsibilities:
The Department of Biological Systems Engineering (BSE) at Virginia Tech invites applications for two positions in bioprocess engineering. The department provides a dynamic and rapidly expanding environment that includes faculty members conducting cutting edge research in Bioprocess Engineering and Land and Water Resources Engineering. Positions will be academic year appointments with responsibilities for teaching across the instructional program in the department, as well as for developing specialized courses and a strong research and scholarship portfolio. The successful candidate's research portfolio will compliment the existing research strengths of the department and demonstrate significant research interest and capacity in one of the following areas of focus: bioenergy, biopharmaceuticals, renewable biomaterials, metabolic engineering, food engineering, animal waste and agricultural residue utilization, synthetic biology, nanobioprocessing, biosensing, or biomolecular engineering. A new state-of-the-art research facility, to be completed in 2013, will provide a collaborative laboratory environment for BSE faculty. The BSE department is affiliated with two nationally ranked colleges: the College of Engineering and the College of Agriculture and Life Sciences. The department has established close collaborations with several university institutes and centers of excellence such as the Virginia Bioinformatics Institute, Fralin Life Science Institute, and the Institute for Critical Technology and Applied Science. Rank and tenure will be offered commensurate with the scholarly record of the candidates selected.

Responsibilities include the following: (1) Develop and maintain a productive, internationally recognized research program through extramural funding, integrating previous work into the department's teaching, research and outreach portfolio; (2) Develop and teach graduate courses in bioprocess engineering or other biological systems engineering areas; (3) Advise and mentor undergraduate and graduate students, as well as postdoctoral fellows; (4) Participate in department, college, university, and professional service and outreach activities; (5) Demonstrate a commitment and sensitivity to issues of diversity in the campus community; (6) Adhere to the responsibilities of the faculty as described by the Faculty Handbook.

Apply Online: http://jobs.vt.edu
The Bradley Department of Electrical and Computer Engineering at Virginia Tech seeks applications for two tenured and/or tenure-track faculty positions in power electronics. One position is open for Assistant, Associate, or Full Professor, with named professorship opportunities possible for truly exceptional candidates. The other position is limited to the rank of Assistant Professor.

The successful candidates will work with an interdisciplinary research team consisting of faculty and students in electrical and computer engineering, materials science and engineering, and mechanical engineering. The successful candidates will join a group of faculty members in the Center for Power Electronics Systems (CPES), and will be able to engage with the Center's 60 industrial partners as well as faculty from partner universities. CPES is a world leader in power electronics research and education with a broad spectrum of research encompassing power components, power conversion topologies and architecture, modeling, control, EMI, and high density integration. Applications for CPES research range from a few watts to megawatts and address the needs for IT industries, transportation systems, and renewable energy. CPES offers a comprehensive power electronics curriculum for both undergraduates and graduate students. CPES is equipped with 11,000 square feet of state-of-the-art facilities supporting research on power electronics components, converters, packaging, and systems. See www.cpes.vt.edu for additional information.

Research areas of interest for the position open at all ranks include, but are not limited to, any of the power electronics research areas specified above. The research area of interest for the position at the Assistant Professor level is high-frequency power conversion techniques for a range of power electronics applications including telecommunications, distributed power systems for telecommunications and computers, off-line power supplies, high-frequency magnetics and high-density DC/DC converter modules with emphasis on high-level integration of active components and passive components.

Candidates are expected to contribute to the broader research and educational mission of the ECE Department. The successful candidates will be expected to develop and maintain a vigorous, nationally recognized funded research program, teach undergraduate and graduate courses, and participate in department, college, and/or university service and outreach activities.

Position Responsibilities:

The Bradley Department of Electrical and Computer Engineering at Virginia Tech seeks applications for a tenure-track assistant professor position in electrical or computer engineering with emphasis on the interdisciplinary area of machine perception and control. Applicants should have expertise that is applicable, but not necessarily limited to, autonomous vehicle systems. This position is based at Virginia Tech's main Blacksburg, Virginia campus.

A goal of this position is to complement existing strengths in autonomous vehicle systems within the ECE Department and the College of Engineering. The successful candidate will be expected to actively participate in and expand the expertise base of the Virginia Center for Autonomous Systems (VaCAS). VaCAS has active research in applications that span maritime systems, ground vehicles, air vehicles, and other terrestrial robotic systems. VaCAS researchers make fundamental contributions to the fields of control theory, autonomy science, dynamical systems, and kinematics. The successful candidate will be expected to develop a vigorous research program in his or her areas of expertise and to work with other Virginia Tech faculty as part of VaCAS. The successful candidate will be expected to develop and maintain a nationally recognized funded research program, teach undergraduate and graduate courses, and participate in department, college, and/or university service and outreach activities.

Apply Online: http://jobs.vt.edu
**Employee Category:** Instructional/Research Faculty

**Working Title**
Assistant Professor; Electrical & Computer Engineering; NCR

**Posting Number**
0111237

**Department Review Date:** 01-01-2012

**Position Responsibilities:**
The Bradley Department of Electrical and Computer Engineering at Virginia Tech seeks applicants for a faculty position in electrical or computer engineering with emphasis on machine learning and/or signals and systems with biomedical and/or systems biology applications. Appointment will be at the associate professor or assistant professor level, depending on qualifications. This position is based at the Virginia Tech Research Center-Arlington in the National Capital Region.

This position will complement existing departmental strengths in computational bioinformatics, bioimaging, and systems biology through research expertise in machine learning and/or signals and systems. The successful candidate will be expected to develop and sustain a vigorous funded research program in his or her areas of expertise and to collaborate with other Virginia Tech faculty in the National Capital Region (NCR) and at the Blacksburg, Virginia campus. The successful candidate will also be expected to teach graduate and advanced undergraduate courses in the NCR and using distance learning, and to participate in department, college and/or university service and outreach activities.

**Sustainability Geographer**

**Posting Number**
0111247

**Department Review Date:** 02-01-2012

**Position Responsibilities:**
The Department of Geography at Virginia Tech is seeking applicants for a tenure-track position in environmental sustainability. The position will be filled at the assistant professor level. Specifically we seek a human geographer specializing in the theory, analysis and application of sustainable practices in human-environment interaction. Individuals must have their PhD in Geography, environmental sustainability or in a closely related discipline by the time of appointment. The candidate must be able to teach large classes in an undergraduate sequence (Seeking Sustainability) in the university's Curriculum for a Liberal Education (core curriculum), other undergraduate and/or graduate courses in her/his specialization, and supervise graduate students in our MS program and our interdisciplinary PhD program in Geospatial and Environmental Analysis. Evidence of an established research track in human geography/ sustainability must be provided. We seek an energetic faculty member committed to excellent teaching and dedicated to research with the skills needed to secure external funding. An ability to develop a strong, externally funded research program and publication record is essential for success at Virginia Tech. The specific research specialty is open, but preference will be given to candidates who can strengthen research collaboration within the department. Full information concerning the department, college and university can be found at: http://www.geography.vt.edu, http://www.cnre.vt.edu and http://www.vt.edu.

**Apply Online:** http://jobs.vt.edu
The Department of Small Animal Clinical Sciences of the Virginia-Maryland Regional College of Veterinary Medicine invites applications for a full-time, tenure-track faculty position in Radiology. The rank is open and will be based on the qualifications of the candidate.

The successful candidate will share service and teaching responsibilities with 4 other faculty radiologists. The position will provide opportunities to develop a primary area of research focus as well as interdisciplinary collaborations in translational research programs with others throughout the Department, College and University.

**Responsibilities:**
- Participate in didactic instruction in diagnostic imaging and related disciplines, clinical instruction of professional students in the Veterinary Teaching Hospital, and training of interns, residents and graduate students in various disciplines. The radiology service supports a residency training program, and the successful candidate will share responsibilities associated with resident training.
- Serve as a clinical radiologist in the Veterinary Teaching Hospital. This service will include direction and interpretation of MRI, CT, ultrasound, nuclear imaging and digital radiology studies. In addition, the successful candidate will provide consultation to primary care clinicians in the Veterinary Teaching Hospital, provide interpretations for mailed-in diagnostic imaging studies and outpatient ultrasound services.
- Research responsibilities are intended to be independent and collaborative with a focus on translational research. The college has a successful collaborative research program with additional opportunities based on collaborations with Virginia Tech Carilion Research Institute and Wake Forest School of Medicine. The successful candidate will be expected to work with ongoing research programs as well as maintain their own independent research program.
- Additional responsibilities include consultations with outside referring veterinarians, participate in continuing education programs of the College and faculty governance activities.
- The applicant must be committed to excellent patient management, client service, and clinical teaching.
- Participation in departmental service activities, such as meetings, resident seminars, journal club and rounds is expected.

**Apply Online:** http://jobs.vt.edu

**Tuesday, May 01, 2012**

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Employee Category: Instructional/Research Faculty

Working Title

* Assistant, Associate, Full Professor Ocean Eng. Energy & Power Systems

Posting Number

0111254

Department Review Date: 03-01-2012

Position Responsibilities:
The Department of Aerospace and Ocean Engineering requests applications for a tenure-track faculty position in Ocean Engineering Energy and Power Systems. Areas of specific interest for the department include, but are not limited to: renewable ocean energy concepts and systems, ocean vehicle power and energy systems, ship energy conservation, ship power and propulsion systems, ship power distribution and survivability, and marine engineering. The AOE faculty is active in a number of interdisciplinary research centers and groups, including the Virginia Center for Autonomous Systems (www.unmanned.vt.edu). In addition to the extensive computational resources available, the AOE department is home to world-class experimental facilities including a 98 ft long tow tank, high-speed and low-speed wind tunnels and extensive flow diagnostic instrumentation.

While it is expected that this position will be filled at the assistant professor rank, persons nationally recognized for their work in the field may be considered for a more senior position. Responsibilities will include establishing an internationally recognized research program, directing graduate students, and teaching at both the undergraduate and graduate level in our Ocean Engineering program. Courses to be taught may include Marine Engineering, Resistance and Propulsion, and new courses specific to the faculty candidate’s expertise.

Responsibilities:
- Teaching undergraduate and graduate coursework in Ocean Engineering in ship power and propulsion and marine engineering
- Establishing an internationally recognized research program in Ocean Engineering Energy and Power Systems
- Participation in departmental, college, and university committees
- Advising and mentoring students
- Obtaining external sponsored funding in support of research program

Please see http://www.aoe.vt.edu for a complete description of position responsibilities and the department.

Apply Online: http://jobs.vt.edu
The Department of Small Animal Clinical Sciences of the Virginia-Maryland Regional College of Veterinary Medicine invites applications for a full-time, clinical track faculty position and a full-time, tenure track faculty position in Medical Oncology. The rank is open and will be based on the qualifications of the candidate.

1. The clinical track position will be primarily responsible for teaching and service duties within the Veterinary Teaching Hospital and be expected to participate in a collaborative fashion with investigative clinical trials. The successful candidate will share service and teaching responsibilities with another oncologist.

Responsibilities:
- The primary job responsibility will be to direct a medical oncology service and participate in didactic, laboratory and small group clinical instruction.
- Additional service responsibilities include consultations within the Veterinary Teaching Hospital and outside referring veterinarians, participate in continuing education programs of the College and participate in faculty governance activities.
- The applicant must be committed to excellent patient management, client service, and clinical teaching.
- Teaching responsibilities will include participation in didactic instruction in oncology and related disciplines. Other teaching assignments may include operative and other related teaching laboratories. Clinical instruction in the Veterinary Teaching Hospital will be directed toward professional students, interns, residents and graduate students from various disciplines.
- Participation in general small animal medicine service activities, such as meetings, resident seminars, journal club and rounds is expected.

2. The tenure track position will be primarily responsible for developing and maintaining an investigative clinical oncology program. The successful candidate will have a large research appointment and will also include sharing hospital duty and teaching responsibilities with a clinical track oncologist. The oncology program is intended to be collaborative in nature working with research teams composed of other faculty researchers within the Department, College and University.

Responsibilities:
- To lead the oncology research and service programs.
- Research responsibilities are intended with a focus on translational research. The college has a successful collaborative research program in neuro-oncology and other opportunities exist based on collaborations with Virginia Tech Carilion School of Medicine, Virginia Tech Carilion Research Institute, Wake Forest School of Medicine, and Wake Forest Institute for Regenerative Medicine. The successful candidate will be expected to work with ongoing research programs as well as maintain their own independent research programs.
- To participate in didactic, laboratory and small group clinical instruction.
- To have primary patient care responsibility for oncology patients including supervision of care by students, interns and residents on the oncology service.
- Additional responsibilities include consultations within the Veterinary Teaching Hospital and referring veterinarians, participation in continuing education programs of the College and participation in faculty governance activities.
- The applicant must be committed to excellence in patient management, client service, and clinical teaching.
- Participation in general service activities such as meetings, resident seminars, journal club and rounds is expected.

Apply Online: http://jobs.vt.edu
Employee Category: Instructional/Research Faculty

Working Title: Geneticist
Posting Number: 0111300

Department Review Date: 01-15-2012

Position Responsibilities:
This is a tenure-track position at the Assistant Professor rank with an initial appointment of 70% research and 30% teaching in the Department of Animal and Poultry Sciences. We are seeking individuals with a commitment to establish and maintain an internationally recognized, extramurally funded research program in genetics. Areas of particular interest, but not limited to, include the interface of genomic structure and function with phenotypic variation in agricultural species. Knowledge of QTL mapping, SNP genotyping and technologies such as pyrosequencing and next generation sequencing is preferred. Statistical and computational skills to integrate genomic data into a quantitative framework are desirable. The successful candidate will be expected to collaborate with existing faculty members on and off campus, and to develop a strong graduate student research and educational program. The successful candidate will also be expected to contribute to undergraduate and/or graduate education by teaching courses in his/her area of expertise. Successful candidates will have access to animal facilities and research laboratories containing state of the art equipment.

Assistant/Associate/Professor - Tenure Track Surgery
Posting Number: 0111274

Department Review Date: 02-02-2012

Position Responsibilities:
The Department of Small Animal Clinical Sciences of the Virginia-Maryland Regional College of Veterinary Medicine announces a search to fill a full-time, tenure-track faculty position in Small Animal Surgery. The rank is open but preference toward senior level surgeons.

The successful candidate will share service and teaching responsibilities with four (4) full-time faculty surgeons. The position will provide opportunities to develop a primary area of research focus as well as interdisciplinary collaborations in translational research programs with others throughout the Department, College and University.

Responsibilities:
- The primary job responsibility will be to lead a surgical service and participate in didactic, laboratory and small group clinical instruction.
- There are three surgical services: orthopedics, soft tissue and auxiliary (non-student service). Service leaders are responsible for primary patient care and supervision of clinical care delivered by students, interns, and residents assigned to the surgical service.
- Additional service responsibilities include consultations within the Veterinary Teaching Hospital and outside referring veterinarians, participate in continuing education programs of the College and participate in faculty governance activities.
- The applicant must be committed to excellent patient management, client service, and clinical teaching.
- The applicant must have excellent communication and interpersonal skills.
- Teaching responsibilities will include participation in didactic instruction in surgery and related disciplines. Other teaching assignments may include operative and other related teaching laboratories. Clinical instruction in the Veterinary Teaching Hospital will be directed toward professional students, interns, residents and graduate students from various disciplines.
- Participation in general small animal surgery service activities, such as meetings, resident seminars, journal club and rounds is expected.
- Research responsibilities will vary based on the interest and qualification of the candidate and may include collaborative or translational research. The successful candidate will be encouraged to work within ongoing research programs and contribute to the scholarly achievements of the research team.

Apply Online: http://jobs.vt.edu
Employee Category: Instructional/Research Faculty

Assistant Professor, Economics

Posting Number: 0111294

Position Responsibilities:
Following the university's strategic plan, the College of Science at Virginia Tech (http://www.cos.vt.edu), in collaboration with the Institute for Critical Technology and Applied Sciences (ICTAS) (www.ictas.vt.edu/), is seeking to strengthen research in ENERGY AND ENVIRONMENT through interdisciplinary faculty hires. As part of this initiative, the Department of Economics in the College of Science is searching to fill a tenure-track position in Microeconomics or Game Theory, including (but not limited to) the theoretical analysis of the effects of energy and environmental policies.

The position is at the assistant professor level.

RESPONSIBILITIES:
The person(s) appointed will have the following responsibilities:
- the development and maintenance of an internationally recognized, externally funded, cross-disciplinary research program;
- active participation in undergraduate and graduate teaching mission of the department;
- participation in department and university administrative governance and advising functions;
- the continuing development of her/his own scholarly activities and professional capabilities;
- adherence to the responsibilities of the general faculty as described by the faculty handbook (http://www.provost.vt.edu/facultyhandbooks.php).

Nutritional Physiologist

Posting Number: 0111298

Position Responsibilities:
This is a tenure-track position at the Assistant Professor rank with an initial appointment of 70% research and 30% teaching in the Department of Animal and Poultry Sciences. We seek individuals committed to establishing and maintaining an internationally recognized, extramurally funded research program in comparative nutrition. Areas of primary expertise could include, but are not limited to: protein and amino acid metabolism, carbohydrate utilization, regulation of metabolism, metabolic regulation of cell, tissue, or animal function, whole body nutrient balance, rumen function and forage utilization, and/or nutrient digestion and absorption. Research experience and the desire to work with multiple animal species are preferred. The successful candidate will be expected to collaborate with existing faculty members on and off campus, and to develop a strong graduate student education program. The candidate will also be expected to contribute to education of undergraduate and/or graduate students by teaching courses in his/her area of expertise. Successful candidates will have access to research laboratories containing state of the art equipment necessary for any application.

Apply Online: http://jobs.vt.edu
Employee Category: Instructional/Research Faculty

Working Title: Tenure-Track Assistant/Associate Professor, Vet/Path Bacteriology

Posting Number: 0111301

Department Review Date: 04-15-2012

Position Responsibilities:
The Department of Biomedical Sciences & Pathobiology in the Virginia-Maryland Regional College of Veterinary Medicine in Blacksburg, VA (http://www.vetmed.vt.edu) has two (2) openings for faculty positions in veterinary and pathogenic bacteriology. Both positions are tenure-track, 9-month appointments at the rank of Assistant or Associate Professor. Appointment to Associate Professor will require demonstration of outstanding potential and extramural funding.

We are seeking well trained candidates whose research interests fit into one or more of our main infectious disease focus areas: (I) Animal Models of chronic Infectious Diseases, (II) Zoonotic Pathogens and (III) Public Health, including food safety. Successful applicants will have a documented record of research accomplishments (publications and/or extramural grant support). Candidates with experience using animal models to study zoonotic bacterial intracellular pathogens that cause chronic and persistent infections, as well as those with BSL3-level experience are encouraged to apply. Ability to work in teams, teaching experience and research in areas of sustained funding will be considered. The primary responsibility of these faculty members will be to establish and maintain a high-quality, extramural-funded research program. Opportunities to develop independent and collaborative research programs exist both within the college and with other life sciences-oriented departments, colleges, and institutes at Virginia Tech.

Veterinary Bacteriologist: The primary responsibility of this faculty member will be to establish and maintain a high-quality research program, with secondary responsibilities in teaching professional and graduate-level courses (such as Bacteriology and Mycology), and participating in clerkship-level teaching for the senior D.V.M. students in the professional program. This position will be 60% research, 35% teaching, and 5% service.

Pathogenic Bacteriologist: This is a research-intensive position and is part of our active recruitment for multiple college faculty positions that includes a physiologists, stem cell biologists, immunologist, toxicologist, anatomists, anatomic pathologist and clinical pathologist, all of which provide a vibrant environment in which to collaborate. This position will be 80% research, 15% teaching, and 5% service. Opportunities for instructional participation are available at the graduate level and can be tailored to the candidates' interests and expertise. Excellent opportunities also exist to mentor and train Ph.D. students. Persons with interest in collaborative trans-disciplinary research are encouraged to apply.

Apply Online: http://jobs.vt.edu

Tuesday, May 01, 2012
The Department of Biomedical Sciences & Pathobiology at Virginia-Maryland Regional College of Veterinary Medicine, Virginia Tech, has a tenure-track faculty position available in Environmental Medical Toxicology at the Assistant/early Associate Professor level.

The primary responsibility of the toxicologist will be to establish and maintain a high quality research program. There will be opportunities to mentor and train graduate and veterinary resident students, establish a graduate level course consistent with the candidate's and college's focus, and develop independent and collaborative research programs within and outside the VMRCVM at various life sciences-oriented Institutes (see web links below). The successful candidate will also lead instruction of introductory veterinary toxicology and veterinary clinical toxicology to students in the DVM professional program and contribute to the disposition of veterinary clinical cases that are submitted to the VMRCVM Diagnostic Toxicology Laboratory. The teaching and service duties encourage applicants with a DVM degree from an AVMA-accredited institution, and additional experience and/or certification in clinical toxicology.

For more information about the college, please visit http://www.vetmed.vt.edu/; for departmental information including other areas of expertise please visit http://www.vetmed.vt.edu/org/dbsp/index.asp. The research focus areas of the college include (a) Regenerative medicine (e.g. stem cells, tissue repair) (b) Inflammatory/regulatory disorders, including cancer, or (c) Infectious diseases. Please visit the web links of four Virginia Tech life/health sciences-related Institutes, which foster intercollegiate research interactions. These include: (1) Fralin Life Sciences Institute: http://www.biotech.vt.edu/; (2) VT Carilion Research Institute: http://vtc.vt.edu/research/; (3) Virginia Bioinformatics Institute: http://www.vbi.vt.edu/; (4) Institute for Critical Technology and Applied Science: http://www.ictas.vt.edu/. VMRCVM is committed to translational research. Opportunities for translational research exist in collaboration with faculty in the College's Departments of Large and Small Animal Clinical Sciences and the Via College of Osteopathic Medicine.

Apply Online: http://jobs.vt.edu
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Apply Online: http://jobs.vt.edu
Founded in 1872 as a land-grant college named Virginia Agricultural and Mechanical College, Virginia Tech is now a comprehensive, innovative research university with the largest full-time student population in Virginia, more than 100 campus buildings, a 2,600-acre main campus, and a 1,700-acre agriculture research farm. Through a combination of its three missions of instruction, research, and public service, Virginia Tech continually strives to accomplish the charge of its motto: Ut Prosim (That I May Serve).

Virginia Tech Core Values
- Freedom of Inquiry
- Mutual Respect
- Lifelong Learning
- A Commitment to Diverse and Inclusive Communities
- Ut Prosim (That I May Serve)
- Personal and Institutional Integrity
- A Culture of Continuous Improvement

Invent the Future™ with Virginia Tech

Virginia Tech has an outstanding record of growth and stability and offers a wide variety of exciting and challenging employment opportunities. We are an inclusive community with a vibrant arts scene, state of the art conference facilities, world class faculty, highly motivated students and staff, nationally competitive athletics, premier economic development programs, award-winning on-campus dining programs, and a nationally recognized public transit system. Employees enjoy a competitive benefits package and institutional policies that emphasize work/life balance. With a record of innovative research and academic excellence, Virginia Tech consistently ranks among the top national public universities.

The main campus is located in Blacksburg, a vigorous stimulating community nestled on a plateau between the Blue Ridge and Allegheny mountains. Because of the town’s award-winning services, reasonable cost of living, safety, moderate climate, and abundant leisure activities, Blacksburg is consistently ranked among the country’s best places to live and has a nationwide reputation as a well-managed, stable, and forward-looking community.

Please consider joining our community of diverse and talented employees as we Invent the Future™.
Employee Category: Special Research Faculty

Working Title: (Lead) Database Administrator
Posting Number: 0111323

Department Review Date: 01-19-2012

Position Responsibilities:
The Virginia Bioinformatics Institute (VBI) at Virginia Tech is a world-class research institute in the life sciences, integrating theory, modeling and simulation with computational and experimental science in a transdisciplinary, team-based research environment. The Institute’s mission is to solve some of society’s most important problems in the life sciences through transdisciplinary research and education, including but not limited to, biomedicine, modeling and simulation of biological and other networks, and bioinformatics.

The (Lead) Database Administrator will work as part of a team of scientists and researchers to support multiple projects through VBI's Core Computational Facility (CCF). The (Lead) Database Administrator will be responsible for recommending, designing and developing database systems for handling, storing and recovering large amounts of data in support of sponsored research. In addition, this position will be responsible for processes for data handling from data generation to data submission and loading and exchanging of data to and from external repositories. This position will interact with internal and external researchers, faculty, staff, and other clientele.

Since this position will have access to high-performance computing systems and other information technology equipment, a criminal background check is required.

Associate Program Director for Technical Assistance/Special Initiatives
Posting Number: 0111325

Department Review Date: 02-06-2012

Position Responsibilities:
The Office of International Research, Education, and Development (OIRED) at Virginia Tech seeks highly qualified candidates for associate program director for technical assistance/special initiatives. The initial appointment will be for a one-year period.

Duties and responsibilities will include working with Virginia Tech faculty, departments, and colleges to obtain new donor-funded international projects that promote the land grant mission of the university (teaching, research, and outreach). Outreach to the university community to involve new project partners among faculty, units, and colleges will also be an important component of this position (~30% Level of Effort (LOE).

The associate program director will also service existing cooperative agreements and contracts by providing and coordinating implementation, technical services, and reporting (~60% LOE).

He or she will represent the director of OIRED in university forums as designated by the director (~10% LOE).
**Employee Category:** Special Research Faculty

**Working Title**
Research Assistant/Associate Professor; Electrical & Computer Engineering

**Posting Number**
0111299

**Position Responsibilities:**
The candidate will perform teaching, research, program management, and professional service within two research groups in the Bradley Department of Electrical and Computer Engineering -- Wireless@VT and the Hume Center.

Responsibilities include the following:
- Periodically teach courses as needed
- Work as the Program Manager for the Intelligence Community Center of Academic Excellence (IC-CAE) program, with the following responsibilities:
  -- Student Mentorship: Set up a process for selecting and mentoring scholars and associates for the IC-CAE program and Hume Center, and execute the plan.
  -- Curriculum Development: Work with different departments on campus to (a) identify a set of courses related to the IC-CAE program; and (b) modify courses to fit the program. In particular, work with the departments of ECE, Geography, and International Studies, amongst others.
  -- Colloquium and seminars: Organize an annual colloquium and monthly seminars/workshops with leaders of the IC as speakers and/or instructors.
  -- Study abroad program: Organize an annual study abroad program for 3-5 weeks for a select number of IC-CAE scholars.
  -- Research: Direct a select number of undergrad and graduate students on their short-term IC related research projects.
  -- Assist in writing research/educational proposals for funding
  -- Engage in collaborative work with colleagues in Wireless@VT to achieve research objectives

Please see http://www.ece.vt.edu for a complete description of the department.

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**Postdoctoral Associate- Virginia Tech Carilion Research Institute**

**Posting Number**
0111324

**Position Responsibilities:**
The laboratory of Konark Mukherjee, Ph.D. at the Virginia Tech Carilion Research Institute seeking applications for a Postdoctoral Associate. The laboratory investigates the molecular mechanisms of synaptic signaling during neurodevelopment. Current projects use both mouse and fly models to address this issue. The major thrust of the laboratory is to develop cell biological assays using primary neuronal culture to dissect out the pathways that are crucial for neurodevelopment. Recent PhD candidates with experience in molecular biology as well as neuroscience are encouraged to apply.

The selected candidate for this position will be responsible for designing and executing experiments, analyzing, documenting, and preparing experiment results for publication, and will assist with laboratory management.

The laboratory is part of the newly established Virginia Tech Carilion Research Institute (VTCRI), and is affiliated with the Virginia Tech Department of Biological Sciences. The Institute is equipped with state of the art imaging and electrophysiological techniques.

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Apply Online: http://jobs.vt.edu

Tuesday, May 01, 2012
Director of Upward Bound/Talent Search

Position Responsibilities:
Reporting to the associate vice president for engagement, the director is responsible for developing, implementing, and assuring continuation of the U. S. Department of Education funded Upward Bound and Talent Search projects. These unique programs are dedicated to encouraging and preparing low-income and potential first-generation students to pursue a college education.

Position Summary:
- Maintain the efficient operation of the unit and facilities. Complete all departmental administrative requirements related to finance, personnel, facilities, and operations.
- Develop and oversee implementation of a marketing/communications plan for Upward Bound/Talent Search. Provide oversight and guidance for marketing strategies for unit programs.
- Maintain alliances with university and administrative units as well as with key stakeholders at participating school divisions. Secure new sources of internal and external funding.
- Ensure compliance with all federal, state, and local laws, regulations, and university policies.
- Maintain an organizational structure and staffing to effectively accomplish goals and objectives; oversees recruitment, training, supervision, professional development, and evaluation of assigned personnel. This position supervises assistant directors and counselors associated with Upward Bound and Talent Search as well as full- and part-time administrative support personnel.

Core Responsibilities:
- Insure compliance with federal and university guidelines and regulations.
- Develop, write, submit, and implement proposals for grants' continuation.
- Identify additional external resources to support program goals and objectives.
- Develop and administer program budgets.
- Oversee the successful delivery of activities associated with Upward Bound and Talent Search programs (e.g., educational, cultural, and social experiences).
- Recruit, select, train, and supervise program staff.
- Develop and/or arrange staff development opportunities.
- Manage the daily operations of the Upward Bound/Talent Search office.
- Facilitate communication plan and public relations activities.
- Insure that all identified services are provided to program participants.
- Complete year end annual performance reports for the U. S. Department of Education, oversee program evaluation processes, and conduct impact assessments.

Project Associate

Position Responsibilities:
Project Associate: Conduct research, provide geospatial information systems and web mapping support programs in a variety of domain areas including vineyards suitability mapping, broadband mapping, health systems, and hazard mitigation.

Apply Online: http://jobs.vt.edu
Postdoctoral Associate, Biochemistry 0121461

Position Responsibilities:
The Department of Biochemistry at Virginia Tech seeks to fill a Postdoctoral Associate position in the lab of Dr. Jinsong Zhu. This position will work primarily on elucidating the juvenile hormone signaling pathway in insects. This hormone plays pleiotropic roles in various developmental stages. Its receptor has been recently identified. The successful candidate will join a research team to identify the structural basis for the specific recognition of juvenile hormone by this receptor and investigate how the receptor is recruited to the promoters of juvenile hormone target genes.

The individual selected for this position is expected to contribute significantly to project design and execution. The Postdoctoral Associate will also need to maintain accurate experimental records, present at national meetings and publish scientific papers.

Research Associate, Software Developer - VTTI 0121492

Position Responsibilities:
Independently evaluates, selects and applies software design principles, procedures, and criteria, using judgment in making adaptions and modifications. Assignments have project objectives and require the investigation of a variety of variables. Performance at this level requires developmental experience in a professional position or equivalent graduate level educations. Performs work developing embedded software, GUI software, scripts, and operating system configurations.

Duties and responsibilities:
Independently works developing embedded software, GUI software, scripts, and operating system configurations in support of data collection. Works as part of a design team to enhance VTTI's core data collection software. Assist in system deployments and the configuration of data collection software as needed. Performs work that involves developing innovative and creative solutions to complex software challenges with the goal of advancing the field of data collection and transportation safety. Iteratively acts in concert with the research team and sponsors to define project goals and technical specifications; to create/refine project plans and milestones; and to integrated these goals, specification and timeline to achieve the overall objective. Duties include one or more of the following: test materials, trial and error problem solving, preparation of specification, process study, research investigations, and report preparation.

Directions given and received:
Independently performs most assignments with instructions on global objectives and general results expected. Receives technical guidance on unusual or complex problems and work is reviewed for application of sound professional judgment. May supervise/mentor/provide training and coordinate the work of graduate research assistants, technicians, and others who assist in specific assignments.

Apply Online: http://jobs.vt.edu
**Employee Category:** Special Research Faculty

**Working Title**

**Posting Number**

Project Associate (Data Analyst)- VTTI 0121512

**Department Review Date:** 03-01-2012

**Position Responsibilities:**

The data analyst, in conjunction with principal investigators and researchers, will prepare data sets according to experimental designs in driving behavior/transportation research studies. This assistance will include supporting development of experimental designs based on in-depth understanding of naturalistic driving data, the identification of appropriate and feasible sampling strategies, and writing and validating code for use in data mining. The analyst will prepare data, structuring and filtering appropriately, and providing aggregate measures and descriptive statistics on accumulated data. The data analyst will also prepare documents such as monthly/quarterly progress reports, flow-charts, work plans, comprehensive presentations, interim and final reports suitable for all levels and management and sponsors.

Computing capabilities should include the ability to structure and filter large behavioral data sets and integrate relational databases. Establish methods to quantify the accuracy and completeness of the data collected, write well documented, concise, and reliable code to perform various analysis tasks and subtasks of larger analyses. Generate graphical and tabular summaries of large quantities of analyzed data. Work with supervisor and other researchers to support their analysis needs. Demonstrated experience in conducting large database related projects including providing summary reports to management and customers. The data analyst will aid in the development of data dictionaries and in the production of comprehensive reports and presentations suitable for project sponsors. The analyst will also assist in addressing inquiries made about datasets maintained at VTTI.

Independently performs most assignments with instructions on global objectives and general results expected. Receives technical guidance on unusual or complex problems and work is reviewed for application of sound professional judgment. May supervise/mentor/provide training and coordinate the work of graduate research assistants, technicians, and others who assist in specific assignments.

Postdoctoral Associate - Physics 0121584

**Department Review Date:** 03-21-2012

**Position Responsibilities:**

The Center for Neutrino Physics at Virginia Tech invites applications for one postdoctoral associate position. The Virginia Tech group is involved in the study of neutrino oscillations. The successful candidate will work primarily on the Daya Bay Reactor Neutrino Experiment in China. Specific duties will include data analysis and maintenance of the muon calibration and RPC high voltage systems. Duties may also include supervising and coordinating the work of other researchers and personnel, especially graduate and undergraduate students, and development of future efforts such as LBNE.

Apply Online: http://jobs.vt.edu
Employee Category: Special Research Faculty

Postdoctoral Associate-Biological Sciences

Position Responsibilities:
The postdoctoral associate will work closely with the principle investigator (PI) and other scientists to participate in studying cell differentiation and phenotypic reprogramming.

· Construct regulatory networks from database and literature.
· Apply and generalize the approaches developed in the lab and others to study the network dynamics, and relate to experiments.
· Writes manuscripts for publication of original results of own research in peer-reviewed high-impact scientific journals.
· Presentes own original research results at professional scientific conferences, seminars, workshops, and on the Internet.
· Takes the initiative in finding solutions to scientific problems that arise in day-to-day research.
· Engages in collaborative work with peers both within the group and outside with the aim to achieve the above objectives.
· Becomes familiar and actively participates in all activities in PI's research group, which are not directly her/his own.
· Routinely communicates research progress with supervisor, peers and other appropriate staff.
· Assists PI in the development of grant proposals, scientific papers and other publications.
· Actively participate in all activities in PI's research group.

Department Review Date: 03-26-2012

Posting Number: 0121611

Postdoctoral Associate, Chemistry

Position Responsibilities:
The postdoctoral associate in this position will be expected to conceptualize and design new experiments to analyze advanced supramolecular and macromolecular materials using magnetic resonance techniques.

Responsibilities will include:

- Analysis of advanced supramolecular and macromolecular materials using primarily NMR methods.
- Design of novel NMR experiments to gain knowledge of transport and anisotropy in soft materials.
- Development or use of quantitative models to understand soft materials behaviors.
- Prepare regular written progress reports.
- Submit manuscripts based on work to peer reviewed journals and present results at national conferences.
- Work with faculty supervisor and graduate students.
- Take the initiative in finding solutions to scientific problems that arise on a day-to-day research.
- Pursue research goals with routine consultation, but limited supervision.
- Supervise/train undergraduate or graduate students in laboratory procedures.
- Assist in project design, execution, and interpretation of research projects to gain practical experience in the field.
- Prepare professional presentations, professional reports, and publications.
- Engage in collaborative work with peers to achieve research objectives.

Department Review Date: 04-02-2012

Posting Number: 0121633

Apply Online: http://jobs.vt.edu

Tuesday, May 01, 2012
System Administration Team Lead (Research Associate)-VTTI

Position Responsibilities:
This position is the lead of the VTTI system administration team. This individual must be capable of being a technical lead for the team as well as effectively manage the duties and responsibilities of the team. The lead systems administrator is responsible for leading a team of system administrators in a research environment.

Duties and responsibilities:
VTTI's IT environment is a mixed Microsoft Windows/Linux/Mac environment. This person filling this position will be responsible for VTTI's desktop and server environment. The desktop environment is largely Windows (XP and Windows7) with servers to support this (Active Directory, Exchange, SQL Server), whereas the infrastructure to support VTTI's peta-scale data-intensive science file servers, database servers, and compute clusters is largely run on Linux servers. VTTI's embedded data acquisition systems also are Linux based. This group lead will also have primary responsibility for establishing security practices, ensuring compliance with best practices and potentially federal government specifications such as NIST/FISMA, etc.

The successful candidate will have a strong commitment to customer support, a strong work ethic, and be highly organized. They will also be able to adapt quickly to changing environments and requirements, work effectively on individual projects and enjoy working, sharing their expertise and learning in a team environment.

Directions given and received:
This position supervises three staff system administrators and reports to the Chief Information Officer.

Postdoctoral Associate

Position Responsibilities:
The Department of Fish and Wildlife Conservation at Virginia Tech is accepting applications for the position of Postdoctoral Associate. Research will focus on understanding spatial variation in air-water temperature relations germane to predicting potential effects of climate change on stream ecosystems. The incumbent will develop and evaluate air-water statistical models in collaboration with the USGS Leetown (WV) Science Center. The incumbent will be primarily responsible for (a) collecting air-water temperature data in Shenandoah National Park during summer 2012, (b) developing and implementing geostatistical models to relate air-water temperatures, and (c) co-authoring journal papers and technical reports. Duties will require 2-4 weeks of fieldwork in the Shenandoah National Park, requiring strenuous hiking and physical activity. Statistical modeling work will require programming in R and/or Python.
Position Responsibilities:
The Executive Director (ExD) will oversee the day-to-day operations of the I-81 Corridor Coalition with guidance from the Coalition's Steering Committee, in accordance with the organization's mission, vision, and goal statements. The ExD will report to the Steering Committee, and as a Virginia Tech employee report to the Director of the Virginia Tech Transportation Institute in a day-to-day capacity.

The ExD will be the primary point of contact for the I-81 Corridor Coalition. The individual will be responsible for the sustainability of the organization by identifying and pursuing relevant and useful opportunities, including, but not limited to: leveraging core funding from the Coalition's membership to achieve the group's objectives, partnering with the steering committee to develop and implement the Coalition's Strategic Plan, developing and implementing an annual work plan, ensuring subcommittees and work groups work plans and action items are aligned with the Coalition's overall work plan and strategic plan. The individual will manage projects, write grants, maintain constant communication among Coalition member jurisdictions, committee and subcommittee members.

As funding streams are secured, supervises the planning, development, coordination, and direction of projects with many complex features. Includes the following areas and other duties as assigned by or established by the Steering Committee:

Duties and responsibilities:
- Program Management: Identify problems and concerns and offer solutions in the key areas of safety, freight movement efficiency, and environmental sustainability and stewardship. Solutions to corridor problems and concerns are offered to the steering committee as potential modifications to the strategic plan / work plans where practicable, implement projects and programs to solve the problems and concerns. Oversight and coordination of I-81 Corridor Coalition-sponsored projects, research, and studies. Oversight and coordination of consultant contracts where appropriate. Preparation of position papers on new programs proposed by senior levels of government that have an impact on the I-81 Corridor Coalition. Support the programmatic and logistical needs of any functional committee approved by the Coalition's Steering Committee. Liaise with key industry, government, economic development and professional associations along the I-81 corridor, building strong partnerships with stakeholders and securing participation in approved initiatives.

- Administration: Develop and track annual budgets. Research and recommend sustainable funding opportunities. Prepare grant applications as part of sustainable funding opportunities. Coordinate arrangements, preparations, logistics, and materials for all meetings and conferences.

- External Relations: Maintain relationships with affiliated organizations, businesses and government entities at all levels with interest in the programs, projects, and other activities of the Coalition. Focus on the Coalition providing value to its stakeholders (motoring public, businesses, industry, government agencies etc.). Disseminate information to members, other interested parties and the media as appropriate. Establish programs to build public awareness and ensure program initiatives are effectively communicated. Represent the I-81 Corridor Coalition at meetings and functions of regional, national and international organizations concerning transportation issues as directed by the Steering Committee.

Apply Online: http://jobs.vt.edu
Employee Category: Special Research Faculty

Working Title
Research Associate - Virginia Tech Carilion Research Institute

Posting Number
0121632

Position Responsibilities:
Research in the LaConte lab is devoted to advanced neuroimaging acquisition and data analysis approaches, aimed at understanding and rehabilitating neurological and psychiatric diseases. A major focus of the lab is an innovation in functional magnetic resonance imaging (fMRI) which we developed and call "temporally adaptive brain state" (TABS) fMRI. The inception of TABS arose from two major recent advances in neuroimaging, namely 1) the recognition that multi-voxel patterns of fMRI data can be used to decode brain states (determine what the volunteer was "doing" e.g. receiving sensory input, effecting motor output, or otherwise internally focusing on a prescribed task or thought) and 2) continued advances in MR imaging systems and experimental sophistication with fMRI that have led to the emergence of real-time fMRI as a viable tool for biofeedback.

The successful candidate for this position will have broad interests related to the lab's ongoing projects and be able to make substantial contributions to enable the data acquisition and analysis needs of the lab.

Position duties and responsibilities:
Open source software development in C/C++
Data analysis
MRI data collection
Stimulus programming in python
MRI pulse sequence programming
Generate clearly written reports and present results in oral presentations

Postdoctoral Associate, Psychology

Posting Number
0121651

Position Responsibilities:
A full-time postdoctoral research position is available in the lab of Dr. Rachel Diana in the Department of Psychology at Virginia Tech. The Postdoctoral Associate will investigate the human cognitive and brain functions that underlie episodic memory. Dr. Diana's research program seeks to understand the encoding mechanisms (including elaboration, semantic associations, and unitization) and retrieval processes (including recall, recollection, and familiarity) that support declarative memory as well as the roles of medial temporal lobe subregions in constructing memory representations and driving memory retrieval. To investigate this, Dr. Diana has facilities for behavioral research techniques, electroencephalography (EEG/ERP) and functional magnetic resonance imagining (fMRI). The Postdoctoral Associate will be expected to contribute to NIMH-funded lines of research in these areas in addition to developing related lines of research based on his/her own interests. It is expected that the candidate be able to work productively with undergraduate research assistants, a lab manager, graduate students, and collaborating faculty in order to facilitate the goals of the lab. The start date is flexible, but would ideally be no later than September 1st 2012.

Tuesday, May 01, 2012

Apply Online: http://jobs.vt.edu

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| Employee Category: Special Research Faculty |
| Working Title | Posting Number |
| Research Scientist, Electrical & Computer Engineering | 0121680 |
| **Department Review Date:** 04-15-2012 |
| **Position Responsibilities:** |
| The research scientist in this position in Wireless@Virginia Tech, a research group within the Bradley Department of Electrical and Computer Engineering, will work as part of a team and independently on research projects focused on the development and applications of spectrum sensing, interference characterization, Software Defined Radios and Cognitive Radios. |
| Responsibilities include the following: |
| -Supervise/train undergraduate and graduate students in the research group |
| -Assist in writing research/educational proposals for funding |
| -Assist in project design, execution, and interpretation of research projects |
| -Prepare professional presentations, professional reports, and publications |
| -Engage in collaborative work with peers to achieve research objectives |
| -Conduct independent research, under the supervision of the candidate's supervisors, Dr. Tranter and Dr. Bose, and report this research in appropriate technical forums, including technical conferences and reference journals |
| -Assist supervisors in writing research monographs |
| -Teach courses and labs, as necessary |
| Please see [http://www.ece.vt.edu](http://www.ece.vt.edu) for a complete description of the department. |

| Research Scientist-Aerospace & Ocean Engineering | 0121681 |
| **Department Review Date:** 04-23-2012 |
| **Position Responsibilities:** |
| The research scientist is expected to be an expert in experimental aerodynamics and wind tunnel testing. The successful candidate will be expected to participate in existing research programs and develop new programs of their own, particularly relating to aeroacoustic and aerodynamic testing in the Virginia Tech Stability Wind Tunnel and will play key planning and development roles in the operation of the Stability Wind Tunnel. The successful candidate will also serve the educational mission of the Department of Aerospace and Ocean Engineering, teaching courses in aerodynamics and related areas when tunnel duties permit. |
| The position includes taking a lead role (as key personnel, co-PI or PI) in existing research and testing programs, and in developing new programs in areas related to experimental aerodynamics and aeroacoustics and that involve use of the Stability Wind Tunnel. Duties will include planning, performing and writing up of wind tunnel tests for a wide range of sponsors; developing new contacts with potential sponsors; identifying grant and contract opportunities; proposal preparation and writing and budget preparation; assisting with the management of all aspects of Stability Wind Tunnel operation; taking a technical lead in maintaining and developing wind tunnel instrumentation, in identifying and implementing new instrumentation, in identifying and implementing new wind tunnel capabilities and improvements, and in bringing the above instrumentation and capabilities to a point where they are integrated into regular wind tunnel operations; identifying, developing and implementing new experiments for undergraduate class testing; management of tunnel wage and student employees. The position also includes teaching up to three courses per year in the AOE Department, depending on extent of tunnel duties and research participation. Courses would be in aerodynamics or related areas. |

Apply Online: [http://jobs.vt.edu](http://jobs.vt.edu)
**Employee Category:** Special Research Faculty

**Working Title**

**Postdoctonal Associate- Human Nutrition, Foods and Exercise**

**Posting Number:** 0121695

**Department Review Date:** 04-23-2012

**Position Responsibilities:**

A postdoctoral research position is available in the lab of Dr. Zhiyong Cheng in the Department of Human Nutrition, Food and Exercise, Virginia Tech. The research of Dr. Cheng's lab seeks to understand the mechanisms of metabolic changes in diabetes, obesity and cancer, with a focus on mitochondrial function in regulating nutrient and metabolic homeostasis (Cheng et al, Nature Medicine 2009; Cheng et al. Trends in Endocrinology and Metabolism, 2010; Cheng and White, Nature Medicine 2012). The Postdoctoral Associate will conduct research in these areas, and is expected to work independently and collaboratively in a research team. Principal responsibilities will be to:

1. design and execute studies under the direction of the PI;
2. prepare research reports and present novel findings at scientific conferences, as well as prepare manuscripts for peer review under the direction of the PI;
3. assist with development and writing of grant proposals;
4. assist with directing students’ research projects;
5. train new laboratory personnel.

**Postdoctoral Associate**

**Posting Number:** 0121655

**Department Review Date:** 04-24-2012

**Position Responsibilities:**

Applications are invited for an NIH-funded postdoctoral position in the lab of Dr. Pearl Chiu (http://people.vtc.vt.edu/~chiup/) at the Virginia Tech Carilion Research Institute (http://research.vtc.vt.edu/). Projects in the lab use fMRI to examine the neurobiology of motivated behavior and social influences on decision-making with methods adapted from experimental economics, behavioral & computational neuroscience, genetics, and psychology. We also have a strong interest in developing quantitative data-driven methods for assessment and diagnosis. For candidates interested in psychiatric neuroscience, the lab provides plentiful opportunities to examine how neural anomalies may be quantified and rehabilitated in conditions including depression, substance dependence, and PTSD.

Postdoctoral Associates contribute to the goals of the lab through designing and conducting research projects, preparing data for peer-reviewed publications and presentations, and representing the results at conferences.

The lab is located in the newly established Virginia Tech Carilion Research Institute in Roanoke, VA. The VTCRI provides full access to outstanding infrastructure, including three research-dedicated Siemens 3T Trio scanners and a high-throughput computing cluster. The successful candidate will play a lead role in highly collaborative multidisciplinary scientific efforts among the VTC School of Medicine and Research Institute, the Carilion Healthcare System, and departments across Virginia Tech.

Consideration of applications will begin immediately and will end when the positions are filled. Salary is competitive and will be commensurate with experience and qualifications. Virginia Tech Carilion is an Affirmative Action/Equal Opportunity employer and is committed to cultural diversity and compliance with the Americans with Disabilities Act.

**Research Associate - Virginia Tech Carilion Research Institute**

**Posting Number:** 0121728

**Department Review Date:** 04-24-2012

**Position Responsibilities:**

The lab of Gregorio Valdez, Ph.D. is seeking a Research Associate to assist in general laboratory operations. The lab is focused in discovering and manipulating molecular factors that function to prevent synaptic destruction caused by aging and neurological diseases. This position is for a minimum of two years with the possibility of reappointment. The research associate will be responsible for general laboratory duties including, DNA cloning, protein analysis using immunohistochemistry and western blotting, and animal handling. In addition, they will serve as the laboratory manager, maintaining lab equipment and supplies, and training other lab personnel as needed.

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**Apply Online:** [http://jobs.vt.edu](http://jobs.vt.edu)
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**Working Title**  
Postdoctoral Associate - Astrophysics  
Posting Number: 0121739

**Position Responsibilities:**
The Virginia Tech Department of Physics is seeking an ambitious and highly motivated post-doctoral researcher in the area of extragalactic astrophysics. Candidates with a background in observations, or a mix of observations and numerical work, are particularly encouraged to apply. The successful candidate will work with Dr. Duncan Farrah and other members of the group on the relation between star formation and black hole accretion, and galaxy assembly from multi-wavelength surveys. Up to 50% of the successful candidates time will be available for independent research.

The Astrophysics group at Virginia Tech is undergoing rapid expansion, with interests in active galaxies, galaxy surveys, the interstellar medium, gamma-ray bursts, and primordial black holes. The successful applicant will have the opportunity to contribute to the expansion of all aspects of the Astrophysics program, with options including helping to build collaborative ties with other institutions, contributing to interdisciplinary research initiatives, and gaining teaching experience.

Applicants should have a Ph.D. in astronomy or astrophysics. Experience with infrared to millimeter-wave astronomy, and UV to optical spectroscopy, are advantageous but not a requirement.

**Department Review Date:** 05-31-2012

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**Postdoctoral Associate**  
Posting Number: 0121744

**Position Responsibilities:**
The postdoctoral associate will work primarily in the Department of Chemical Engineering with Prof. Padma Rajagopalan. The associate will collaborate with faculty in the Department of Computer Science, Biochemistry, and the ICTAS Center for Systems Biology of Engineered Tissues (http://www.isbet.ictas.vt.edu).

The project involves experimental work on polymeric scaffolds, hepatic tissue engineering and inter-cellular signaling. Knowledge of polymeric biomaterials, and basic hepatic tissue engineering is expected. The associate will be expected to contribute significantly to this research project, develop his/her own research projects, prepare the results for publications and presentations, contribute to grant proposals, and help supervise students.

**Department Review Date:** 04-27-2012

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**Postdoctoral Associate**  
Posting Number: 0121775

**Position Responsibilities:**
The postdoctoral associate will work primarily in the Department of Chemical Engineering with Prof. Padma Rajagopalan.

The project involves experimental work on polymeric scaffolds, designing hydrogels, and investigating cell-biomaterial interactions. Knowledge of polymeric biomaterials, and mammalian cell biology is expected. The associate will be expected to contribute significantly to this research project, develop his/her own research projects, prepare the results for publications and presentations, contribute to grant proposals, and help supervise students.

**Department Review Date:** 05-04-2012

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**Postdoctoral Associate**  
Posting Number: 0111145

**Position Responsibilities:**
The lab of Michael J. Friedlander, Ph.D. is seeking a Postdoctoral Associate to work on effects of temporal patterns of synaptic activation on long term plasticity in neocortex in normal and injured brain. This is the opportunity to join a major new neuroscience program and group, as well as develop one's own projects.

**Department Review Date:** 11-28-2011

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**Apply Online:** [http://jobs.vt.edu](http://jobs.vt.edu)

*Tuesday, May 01, 2012*
Postdoctoral Associate 0111168

**Department Review Date:** 04-13-2012

**Position Responsibilities:**
Virginia Tech's Arlington Innovation Center: Health Research is seeking a postdoctoral associate for research in human neuro-performance, particularly focusing on the roles of sleep and stress. The current project involves multimodality imaging of sleep using High Resolution PET, 7T MRI, fMRI, and EEG with research partners at the Neuroscience Research Institute at Gachon University in South Korea and Washington University in St. Louis. The successful candidate will join a dynamic and expanding research group and participate at all levels of the project, including data acquisition and analysis, scholarly writing, participation in the neuroimaging community, IRB protocols, teaching and mentoring graduate students, and seeking new funding sources.

Postdoctoral Associate 0111162

**Department Review Date:** 12-01-2011

**Position Responsibilities:**
The primary objective of this position is to identify alternative host plants of phytoplasmas that cause grapevine yellows (GY) in Virginia vineyards, and to identify the ecological characteristics that predispose some vineyards to increased risk of GY. A secondary objective is to evaluate a range of management tactics to reduce the incidence of GY in vineyards.

The postdoctoral associate hired into this position will work independently or train assistants to:
- Develop and pursue research goals with routine consultation, but limited supervision
- Supervise/train wage employees or students in laboratory and field procedures
- Assist in project design, execution, and interpretation of research projects to pursue overall project objectives
- Visit and collect biological samples from GY-affected vineyards in Virginia and neighboring states.
- Prepare professional presentations, professional reports, and publications
- Annually prepare grant proposals to continue and/or expand research funding

Please see http://www.arec.vaes.vt.edu/alson-h-smith/index.html to learn more about the programs at the AHS Jr. Agricultural Research and Extension Center

(Open Rank) Statistician 0111213

**Department Review Date:** 12-12-2011

**Position Responsibilities:**
Multiple Statisticians are sought to work with researchers in the Advanced Computing and Decision Informatics Laboratories (ACDIL) in Virginia Bioinformatics Institute (VBI) at Virginia Tech. ACDIL conducts research involving large-scale HPC-based simulation of complex socially, technologically, and biologically coupled systems. Statisticians of varying expertise will conduct research related to modeling analysis, experimental design, data libraries, and decision support tools for these large biological, information, social, and technical systems. Statisticians will be expected to publish extensively in peer-reviewed high-impact journals, attend conferences, and lead or participate in (depending on rank and topic) research grant writing and portfolio development.

Journey level positions will be offered at the ranks of postdoctoral associate and research associate and will require a PhD for rank of postdoctoral associate and master's for research associate.

Advanced level positions will be offered at the ranks of senior research associate and research scientist and will require a PhD or master's with equivalent related professional experience.

Senior or leadership level positions will be offered at the ranks senior research scientist and professorial (research assistant professor, research associate professor and research professor) and will require a PhD with relevant professional experience and appropriate credentials befitting the professorial ranks.

Apply Online: http://jobs.vt.edu
Employee Category: Special Research Faculty

Working Title: (Open Rank) Scientist

Posting Number: 0111284

Department Review Date: 01-03-2012

Position Responsibilities:
Multiple Scientists are sought to work with researchers in the Advanced Computing and Decision Informatics Laboratory (ACDIL) in Virginia Bioinformatics Institute (VBI) at Virginia Tech. ACDIL conducts basic and applied research involving large-scale HPC-based simulation and complex socially, technologically, and biologically coupled systems. Network science is an area of particular focus. Scientists of varying expertise will conduct research related to mathematical foundations of complex systems, modeling, theoretical computer science and algorithms, systems analysis, experimental design, data libraries, and decision support for these large biological, informational, social, and technical systems. Additionally, domain specialists in areas related to public health, public policy and national security are sought. Scientists will be expected to publish extensively in peer-reviewed high-impact journals, attend conferences, and lead or participate in (depending on rank and topic) research grant writing and portfolio development.

Journey level positions will be offered at the ranks of postdoctoral associate and research associate and will require a PhD for rank of postdoctoral associate and master's for research associate.

Advanced level positions will be offered at the ranks of senior research associate and research scientist and will require a PhD or master's with equivalent related professional experience.

Senior or leadership level positions will be offered at the ranks senior research scientist and professorial (assistant, associate and full) and will require a PhD with relevant professional experience and appropriate credentials befitting the professorial ranks.

Apply Online: http://jobs.vt.edu
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<tr>
<th>Employee Category:</th>
<th>Special Research Faculty</th>
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<td>Working Title</td>
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Apply Online: http://jobs.vt.edu
Virginia Tech

Employment Opportunity Bulletin

This bulletin is published by the Virginia Tech Human Resources Department. To apply for any of the available positions listed in this bulletin please visit:

http://jobs.vt.edu

For Additional information about the university please visit the links below:

Resources for Prospective Faculty:
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Dual Career Website:
http://www.hr.vt.edu/employment/dualcareer/
Diversity Website: http://www.vt.edu/diversity/
Benefits Online: http://www.hr.vt.edu/benefits
Office of Equal Opportunity:http://www.oeo.vt.edu/

Virginia Tech has a strong commitment to the principles of diversity, inclusion, and to maintaining a work and learning environment that is free of all forms of discrimination. As a result this institution does not tolerate discrimination or harassment on the basis of age, color, disability, gender, national origin, political affiliation, race, religion, sexual orientation, or veteran status. Anyone having questions concerning discrimination should contact the Office of Equal Opportunity: (540) 231-7500.
Founded in 1872 as a land-grant college named Virginia Agricultural and Mechanical College, Virginia Tech is now a comprehensive, innovative research university with the largest full-time student population in Virginia, more than 100 campus buildings, a 2,600-acre main campus, and a 1,700-acre agriculture research farm. Through a combination of its three missions of instruction, research, and public service, Virginia Tech continually strives to accomplish the charge of its motto: Ut Prosim (That I May Serve).

Virginia Tech Core Values
- Freedom of Inquiry
- Mutual Respect
- Lifelong Learning
- A Commitment to Diverse and Inclusive Communities
- Ut Prosim (That I May Serve)
- Personal and Institutional Integrity
- A Culture of Continuous Improvement

Invent the Future™ with Virginia Tech
Virginia Tech has an outstanding record of growth and stability and offers a wide variety of exciting and challenging employment opportunities. We are an inclusive community with a vibrant arts scene, state of the art conference facilities, world class faculty, highly motivated students and staff, nationally competitive athletics, premier economic development programs, award-winning on-campus dining programs, and a nationally recognized public transit system. Employees enjoy a competitive benefits package and institutional policies that emphasize work/life balance. With a record of innovative research and academic excellence, Virginia Tech consistently ranks among the top national public universities.

The main campus is located in Blacksburg, a vigorous stimulating community nestled on a plateau between the Blue Ridge and Allegheny mountains. Because of the town’s award-winning services, reasonable cost of living, safety, moderate climate, and abundant leisure activities, Blacksburg is consistently ranked among the country’s best places to live and has a nationwide reputation as a well-managed, stable, and forward-looking community.

Please consider joining our community of diverse and talented employees as we Invent the Future™.
### Systems Analyst

**Department Review Date:** 01-23-2012

**Position Responsibilities:**

The chief objective of this position is to address information needs for the areas supported by the Finance Information Technology department and to assist in providing comprehensive computing support.

The specific responsibilities of this Systems Analyst position include:

- Research, analyze, develop, and maintain innovative information systems that model complex business processes and promote administrative efficiencies
- Retrieve data, construct solutions containing financial information for the staff in the supported offices, executive management, and campus community
- Identify and protect sensitive data and promote cyber security awareness for employees within the assigned offices
- Communicate with a broad range of users about issues related to information technology and financial data at a level appropriate for the intended audience
- Assist with creating a robust computing infrastructure and providing comprehensive computer support for the supported areas
- Collaborate with peers to support initiatives which support the university’s mission and strategic plan
- Maintain accurate system and user documentation
- Take steps for professional development to stay current on issues that could affect performance and career development
- Uphold the universal competencies of teamwork, maintaining a safe and secure work environment, and diversity commitment

### Project Manager - New Construction

**Department Review Date:** 01-25-2012

**Position Responsibilities:**

Provide overall project management on projects of moderate to high difficulty and complexity. Support Senior Program Managers, as assigned, on larger more complex projects and/or the Associate Director of New Construction on smaller less complex projects by providing construction project management on assigned projects. Apply understanding and knowledge of building construction means and methods and project delivery methodologies. Assist in the development and management of project delivery schedules and budgets in compliance with funding authorizations, university program requirements, Commonwealth of Virginia Construction & Professional Services Manual, and project approval guidelines. Assist with the procurement and selection of A/E consultant(s) and contractor services in compliance with Local, State, and Federal requirements. Assist with negotiations with selected A/E consultants and contractors and administration of contracts (design and construction) to ensure the project budget, schedule and university program goals are achieved. Manage assigned projects from conception through post-construction. Interpret moderately to highly complex technical construction plans and applies applicable regulations. Apply professional design and construction understanding and business knowledge to assist with leading, directing, and monitoring assigned projects. Build consensus and teamwork with a disparate group of stakeholders, consultants, and contractors. Perform duties under the mentoring/guidance of senior project managers as assigned. Understand building renovations, both small and large scale, to include utilization of term contracts and on-demand contracting.

**Apply Online:** [http://jobs.vt.edu](http://jobs.vt.edu)
**Employee Category:** Administrative and Professional Faculty

**Working Title**
Senior Construction Program Manager

**Posting Number**
0121349

**Position Responsibilities:**
Manage the Capital Construction Compliance Program and provide day-to-day construction oversight for major and minor new construction and renovation projects, including hands-on, direct involvement on multiple concurrent construction sites. Monitor the design and construction of projects for conformance with the programs as defined by the University, the requirements of the "Construction and Professional Services Manual (CPSM) for Agencies", building and life safety codes, and with internal Virginia Tech design and construction guidelines. Provide leadership to Construction Compliance Officers while applying a detailed understanding of building construction means and methods and project delivery methods. Assist with development, management, monitoring, and evaluation of construction project delivery schedules and budgets to ensure compliance with funding authorizations, university program requirements, and project approval guidelines.

- Provide construction oversight on a wide variety of building projects. These projects will range from simple, straight forward designs to highly complex and challenging designs.
- Manage assigned projects from construction implementation through post-construction.
- Interpret complex technical construction plans and applicable regulations.
- Apply professional design and construction understanding and business knowledge to assist with leading, directing, and monitoring assigned projects through construction.
- Build consensus and teamwork with a disparate group of stakeholders, consultants, and contractors.
- Perform duties under the mentoring/guidance of program directors, senior program managers, and project managers as assigned.
- Provide oversight and certification of project compliance with Erosion and Sediment Control (ESC) and Stormwater Pollution Prevention Plan (SWPPP) for all active land disturbing activities.
- Develop and compile information on inspections and land disturbing activities for reporting requirements, which occur on a monthly, quarterly and annual basis.
- Perform weekly ESC and SWPPP site inspections and reporting to ensure compliance with project Virginia Stormwater Management Pollution (VSMP) Permit requirements.
- Apply understanding of Erosion and Sediment Control measures, installation, and maintenance.

**Senior Program Manager - New Construction**

**Department Review Date:** 01-25-2012

**Position Responsibilities:**
Provide advanced levels of project management services for various types of capital outlay construction and renovation projects for the university. Assigned projects will be managed from the project inception phase, through design and construction, and conclude after start-up and occupancy. This position will manage one or more teams of Project Managers and Construction Compliance Officers.

**Student Conduct Coordinator**

**Department Review Date:** 02-10-2012

**Position Responsibilities:**
The Conduct Coordinator at Virginia Tech reports to the Assistant Director or Associate Director and works closely with other units of the division to maintain a developmentally appropriate and accountable system for managing student conduct issues. The Conduct Coordinator will assist the institution's chief conduct officer in the administration of the University Policies for Student Life (UPSL) and the adjudication of alleged infractions of the Code of Student Conduct found therein. The Conduct Coordinator will coordinate several functions of the office including, but not limited to, student organizational cases, gender-based violence and other abusive conduct cases, student volunteer efforts, and educational sanctions.

**Apply Online:** [http://jobs.vt.edu](http://jobs.vt.edu)
Position Responsibilities:
Virginia Cooperative Extension seeks an accomplished visionary leader of Agriculture and Natural Resources (ANR) Extension programs with the ability to engage faculty and stakeholders in pursuit of excellence. This position reports to the Director of Extension and is responsible for leading the ANR Extension education program supported by agents and specialists in three Virginia Tech colleges, College of Agriculture and Life Sciences (CALS), College of Natural Resources and Environment (CNRE), and College of Veterinary Medicine (CVM) and in cooperation with Virginia State University. Virginia Cooperative Extension (VCE) has geographic presence on the main campuses of Virginia Tech and Virginia State University, at the Agricultural Research and Extension Centers, and in the 107 Extension offices throughout the Commonwealth.

The successful candidate will lead VCE field and campus-based faculty to discern and identify critical issues and create research-based educational programs to address the needs of Virginia's agriculture and natural resources sectors. This position will play a key role in establishing partnerships, engaging stakeholders, supporting development of knowledge-based resources, and VCE communication to the Commonwealth about ANR impacts.

Apply Online: http://jobs.vt.edu
Employee Category: Administrative and Professional Faculty

Working Title: Director of Alumni Relations for Diversity, Inclusion, and Community Engagement

Posting Number: 0121413

Department Review Date: 02-24-2012

Position Responsibilities:

Reporting to the Vice President for Alumni Relations and the Vice President for Diversity and Inclusion, the Director will create and maintain supportive relationships between the university and multicultural alumni connecting them through university programs, services and engagement.

Responsibilities:
- Develop annual operating plans to outline goals and strategies to increase involvement and participation by individuals from multicultural constituencies in alumni relations activities.
- Coordinate assigned on or off-campus activities to encourage multicultural involvement.
- Contribute articles and other information to university publications related to multicultural alumni relations.
- Provide leadership to planning reunions, events and activities for multicultural constituency alumni; and encourage participation from multicultural constituency alumni.
- Promote multicultural constituency alumni participation in planned events in the university community and the alumni chapter network.
- Provide opportunities for networking, engagement, and mentoring between diverse alumni and students.
- Provide support to reunions and special programs offered by the Alumni Association and participate in Alumni Association board and staff meetings (including constituency team meetings).
- Partner with University Admissions and Virginia Cooperative Extension to engage off-campus alumni in assisting with multicultural student recruitment.
- Periodically conduct surveys and/or focus groups of multicultural alumni to gauge their levels of engagement and expectations or suggestions for programs through the university or alumni programs that might enhance further engagement.
- Serve as a member of and provide input to the Office for Diversity and Inclusion Operation and Communications Teams.

Apply Online: http://jobs.vt.edu

Tuesday, May 01, 2012
Employee Category: Administrative and Professional Faculty

Working Title: Director of Education Abroad

Posting Number: 0121404

Position Responsibilities:

ADMINISTRATION:
* Broad oversight of education abroad department.
* Development of education abroad policies and procedures.
* Oversee implementation of StudioAbroad, the web-based data management system.
* Collaborate with faculty and campus offices regarding operations and the development/refinement of procedures pertaining to transfer credit, student accounts, financial aid, housing, student advising, and manage emergency response, crises prevention and intervention protocols on education abroad programs.
* Collaborate with Colleges to facilitate effective administration of college-specific faculty-led programs.
* Oversee procedural, advising, and financial matters related to third-party study abroad programs.
* Oversee the annual education abroad fair and other recruitment events.
* Actively engage in grant-writing activities to expand revenue base.
* Market and promote (via electronic and print media) VT’s education abroad programs and student programs at VT’s regional centers around the world.

ADVOCACY, TRAINING, and SUPPORT:
* Develop and maintain strong relations with academic departments, student affairs and other administrative offices.
* Work proactively with international liaisons to all colleges and faculty leading programs abroad.
* Enhance and streamline education abroad faculty handbook and other faculty/staff training materials.
* Design and implement training workshops for VT’s faculty leading programs abroad and for academic advisors.
* Provide broad-based support to faculty led programs.
* Work with the Registrar’s Office, Office of Student Accounts, Office of Financial Aid and Scholarships, academic advisors and other VT administrators to coordinate services for education abroad students.
* Work closely with faculty advisory committees to implement university-wide priorities pertaining to education abroad.
* Participate in the development of new program development including analyses of budgets, staffing, curriculum and marketing strategies.

GLOBAL PARTNERSHIPS:
* Strengthen existing ties with overseas partners, third party program providers and funding agencies.
* Develop new education abroad and exchange programs in under-represented regions of the world and fields of study.
* Evaluate existing & proposed programs and develop vetted list (in consultation with advisory committees) of approved programs for students.
* Evaluate existing exchange partnerships on a regular basis.
* Serve as Virginia Tech’s representative for all student exchange agreements.
* Identify opportunities for new exchange agreements and for students to directly enroll at overseas universities.

QUALITY ASSURANCE AND REVIEW:
* Work collaboratively with appropriate committees, colleges and faculty to review, evaluate and improve existing programs.
* Draw on expertise of standards organizations (such as Forum for Education Abroad) and peer reviewers to ensure high quality programs.
* Develop and oversee strategic planning for education abroad.

STUDENT ADVISING:
* Develop & refine student advising system for education abroad.
* Oversee student financial aid process for education abroad.
* Oversee pre-departure orientation and re-entry services.
* Serve as primary scholarship advisor for education abroad programs.
* Review all applications for need-based scholarships.

INTERNATIONALIZATION:
* Assist the Director of OIRED and AVP, International Affairs in university-wide internationalization efforts, outreach activities to parents and donors, and development of policies impacting the engagement of faculty and students in the area of international education.
* Other Duties as assigned.

Apply Online: http://jobs.vt.edu

Tuesday, May 01, 2012
Employee Category: Administrative and Professional Faculty

Working Title: Assistant Vice President of Development for Colleges
Posting Number: 0121462

Department Review Date: 03-02-2012

Position Responsibilities:
The Assistant Vice President of Development for Colleges reports to the Sr. Associate Vice President for Development & Principal Gifts. Working closely with the Sr. Associate Vice President, the individual is responsible for providing leadership and strategic direction to the development efforts of the university's eight colleges. He/she will partner with the Sr. Associate Vice President and work with the deans and development officers to develop fundraising plans, goals, implement strategies for each management unit, monitor progress, and provide periodic and annual reports. This individual reports to the Sr. Associate Vice President for Development & Principal Gifts and through the Sr. Associate Vice President for Development & Principal Gifts to the Vice President for Development and University Relations.

Position Responsibilities:
The Residential Learning Coordinator (RLC) is responsible for coordinating all building and community aspects of residential life; creating and nurturing a student community oriented towards the academic and social development of residents; implement a residential curriculum that focuses on individual student connections, learning, supportive mentoring, and engaging difference in thoughtful ways facilitated by paraprofessional staff that are hired, trained, supervised and evaluated by the RLC; perform administrative duties congruent with maintaining community standards, occupancy management, and a safe and secure environment.

Position Responsibilities:
The Residential College at West Ambler Johnston Student Life Coordinator (SLC) will play a critical role in making sure that peer, administrative, and faculty relationships are cultivated and sustained throughout the residential community. The residential college is intended to be a multi-generational community. The residence life live-in staff member (SLC) will ensure that these students are supported in their academic, engagement, and community development efforts. They will also collaborate with the Faculty Principal, a live-in faculty member charged with providing direction to the college, to ensure their efforts to seek out, cultivate, and develop academic connections are achieved. As with all residential communities on-campus, developing and maintaining a positive living learning environment will be a top priority. The SLC will educate students on the policies and procedures and assist faculty in the development and implementation of the residential college's mission.

Apply Online: http://jobs.vt.edu
Employee Category: Administrative and Professional Faculty

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**Position Responsibilities:**
Reporting to the Vice President and Executive Director, National Capital Region, this position is responsible for the financial management of the National Capital Region Operations to include development and submission of annual budgets, long term financial forecasting, monitoring of expenditures to ensure adequate resources for defined activities and enforcement of university policies and procedures as they relate to fiscal operations.

This position also works with Office of Budget and Financial Planning in the annual reconciliation of indirect earnings for region overall, and serves as a resource to all faculty and staff in the region in matters relating to financial management.

The Associate Director oversees the area of human resource administration for the Virginia Tech National Capital Region Operations Office (NCRO) and serves as liaison to the university human resource unit and a reference and training resource for support staff and faculty within the region.

**Department Review Date:** 02-20-2012

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Safety Engineer 0121494

**Position Responsibilities:**
The successful candidate will oversee and manage the university fire and life safety programs in accordance with OSHA regulations, the Fire Code and related requirements. Act as liaison to local, state, and federal agencies for fire and life safety compliance issues and emergencies. Act as a consultant to the university community for fire and life safety issues.

**Department Review Date:** 02-27-2012

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Document Management Systems Developer 0121446

**Position Responsibilities:**
Provide information technology support and project leadership for the university's Web Content Management system (Percussion). Provide backup technical and leadership support for the university's enterprise Workflow and Imaging systems. Coordinate, manage and supervise all technical activities necessary to support, expand, and enhance the web content system to ensure reliability, integrity, and usability of the system. Provide technical expertise, software development, and data conversion activities to support migration of web content into the Web Content Management system.

Duties will include project management, systems analysis and design, software development, system integration, and user consulting services. Act as liaison between the university and software vendors for systems upgrade and support services from the vendors.

**Department Review Date:** Not Available

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Apply Online: http://jobs.vt.edu
Employee Category:  Administrative and Professional Faculty

Working Title  
Assistant Director, Student Athlete Academic Support Services

Posting Number  
0121467

Department Review Date:  03-06-2012

Position Responsibilities:
The Assistant Director will work with colleagues in Student Athlete Academic Support Services (SAASS) to meet the academic support needs of assigned sports. Specifically, the Assistant Director will assist with the oversight of athletic academic advising for student athletes, SAASS mentor program, and serve on campus committees as appointed by the Director of SAASS.

Responsibilities of the Assistant Director are to:

Advise Student-Athletes

1. Provide academic support for student athletes in assigned sports.
2. Assist all assigned student athletes with academic, personal, and career development.
4. Monitor daily and evening study hall requirements for assigned student athletes.
5. Work with coaches, academic advisors, and other University constituents to facilitate success of assigned student athletes.
6. Assist in determining NCAA eligibility for continued enrollment and/or for competition.
7. Check class schedules of assigned student-athletes and help to resolve any problems or conflicts.
8. Cooperate with Departmental Academic course advisors to ensure that all courses will count toward degree and eligibility to compete.
9. Distribute mid-semester grade reports to the faculty of all student athletes to check class attendance and academic progress.
10. Maintain contact with faculty of student athletes after mid-semester grade reports are returned to ensure that students are complying with corrective measures.
11. Provide accurate and timely information to Director of SAASS and coaching staff on matters pertaining to assigned student athletes.

Mentor Program

1. Recruit, hire, train, and supervise mentor program.
2. Develop and distribute student policy manuals to appropriate parties.
3. Organize and present training workshops for mentor program.
4. Develop, produce, and distribute up-to-date list of SAASS student employees.
5. Conduct meetings with SAASS staff and coaching staff to inform them of policies and procedures as they relate to student employees.
6. Respond in a timely manner to request for new student employees from SAASS staff, coaches, and student athletes.

Recruiting Student-Athletes

1. Assist in all facets of the recruiting process for assigned student athletes.
2. Arrange meetings with Academic Deans, Department Heads, Faculty Advisors for recruits in assigned sports.
3. Assist with presentations regarding SAASS to recruits and families during recruiting visits.
4. Establish contact with each incoming freshman student athletes during the scheduled orientation day.

Assessment and Evaluation

1. Develop an assessment scheme for all areas of responsibility.
2. Distribute reports to the proper offices and/or agencies
3. Distribute game and travel schedules for assigned sports to appropriate persons.
4. Assist in data collection and preparation of NCAA and other national reports.
5. Prepare monthly reports for appropriate areas of assignment.

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Record Keeping

1. Keep up to date records of interactions with assigned student athletes.
2. Maintain active and inactive files on assigned student athletes with documentation of all contacts, copies of academic success plans (where appropriate) and copies of grade reports.
3. Maintain files of all hours and expenditures from study hall services.
4. Keep up to date copies of all student schedules and grade reports for official reports and information to other offices.

Other duties as assigned by the Director of SAASS. The Assistant Director may be required to work some evenings and weekends.

System Architect/Software Engineer

Position Responsibilities:
Assist in the analysis, design and deployment of computer security technologies that will help insure the confidentiality, integrity and authenticity of access to university enterprise services. Participate in project initiatives that evaluate new technologies and assist with the planning and integration of these security technologies into university business processes. Provide technical assistance as needed to insure successful implementation of these technologies in a non-homogeneous computing environment which includes Mac OS, MS Windows, Linux and web based applications. Provide technical support for the software and hardware components of the Virginia Tech Certification Authority (VTCA) JBOSS application servers and specialized hardware security modules (HSM). Act as the system administrator for backup/restore/patches and release upgrades of VTCA systems. Provide secondary backup support for the ongoing deployment of eTokens and personal digital certificates (PDCs). Develop and maintain programs to support the customization, security, stability and scalability of these systems.

Extension Programming Associate - Livestock

Position Responsibilities:
Virginia Cooperative Extension is seeking applications for the position of Extension Programming Associate-Livestock. The successful candidate will be lecturer rank, non-tenure track, professional faculty. Responsibilities will include planning, organizing, communicating, conducting, evaluating, and publicizing educational livestock extension programs. This will include programs for beef cattle and sheep, as well as state livestock judging and stockman's contests. Contributes to the design and delivery of youth educational activities. Works closely and assists Extension Specialist by providing program support for Adult and Youth Livestock programs.

Salary is commensurate with qualifications, including education and experience. This is a full-time, restricted 12 month appointment with continuation based on availability of funding and departmental needs. The position will be located in Blacksburg, Virginia.

Apply Online: http://jobs.vt.edu
Employee Category: Administrative and Professional Faculty

Assistant Director of Alumni Relations

Posting Number: 0121535

Working Title: Assistant Director of Alumni Relations

Department Review Date: 04-02-2012

Position Responsibilities:
Reporting to the Vice President for Alumni Relations, the Assistant Director of Alumni Relations and Alumni Admissions Liaison advises and provides administrative support to alumni chapters and clubs in select regional areas; plans and assists with chapter officer training; serves as coordinator for Admissions Liaison volunteers; serves as principal liaison for Alumni Relations with the university Admissions staff; conducts training sessions for Admissions Volunteer Liaisons; plans the annual summer "Day in the Life of College Admissions" program; participates in scheduled Alumni Association Board meetings, staff and chapter team meetings; and provides support for special alumni events as needed.

Core responsibilities:
- Advise and provide administrative support to several in-state and out-of-state alumni chapters, visiting chapter areas on a regular basis for board meetings and to assist with chapter events, and coordinating visits by university representatives. Provide appropriate information and resources to chapters, and assist in planning events that generate support for chapter scholarship programs and promote alumni participation in community service initiatives.
- Plan and assist with chapter officer training including the Fall Chapter Officers Forum, Chapter Presidents and coordinate individual and regional chapter training sessions when appropriate.
- Serve as coordinator for Admissions Liaison volunteers, recruited from within strategically selected alumni chapters who are committed to represent the university at various college day programs and college fairs to disseminate information about the university and its admissions process.
- Serve as principal liaison for Alumni Relations with the university Admissions staff to identify those specific areas and high schools where volunteer representation would be most helpful.
- Conduct in-person and on-line training sessions for Admissions Volunteer Liaisons on campus and in certain geographic regions to ensure that liaisons are adequately prepared and have materials necessary to serve as Admissions representatives and advocates for the university.
- Assume responsibility for planning the annual summer "Day in the Life of College Admissions" program hosting prospective students and parents to acquaint them with the process of general college admissions.
- Participate in scheduled Alumni Association Board of Directors, staff and chapter team meetings, and other events as assigned.

Assistant / Associate Director of Development

Posting Number: 0121568

Working Title: Assistant / Associate Director of Development

Department Review Date: 03-22-2012

Position Responsibilities:
Reporting to the Director of Development, the Assistant/Associate Director will assist the Director of Development in carrying out the designated duties and responsibilities for the development program. This highly motivated professional will be involved with the planning and implementation of the fundraising efforts in support of current operations, endowment, and other capital purposes from all private sources. She/He will fulfill the duties under the direction of, and in close cooperation with, the Director of Development and the university's central development office.

Apply Online: http://jobs.vt.edu
**Position Responsibilities:**

Reporting to the Assistant Vice President for Budget and Financial Planning (AVPBFP), the Manager of Special Projects provides leadership and assistance on a variety of complex organizational and special projects to assist the AVPBFP.

Manage communications with the campus community on behalf of the AVPBFP. The position will be responsible for coordinating, drafting or creating reports, responses, presentations, and financial analysis to complex issues related to financial, administrative or strategic university programs. This may include data collection, researching, and analyzing financial data and other information using appropriate resources, synthesizing this data as needed, developing alternative solutions, and clearly and concisely conveying ideas, drawing conclusions or making recommendations supported by the data. This position will also represent the AVPBFP at meetings as needed and prepare and deliver presentations to university management.

Coordinate and expedite the completion of tasks/projects required of the AVPBFP and support the AVPBFP by directly managing or coordinating special projects. Special projects may relate to strategic initiatives, information needs, special reports, implementation of new processes, customer service improvements, and coordination of administrative projects. Responsibilities include creating high-level project plans, scheduling tasks, and making effective use of project resources to complete the project by the negotiated deadline. The position requires the ability to effectively serve in a leadership or a support role on project teams as assigned by the AVPBFP.

Assist the AVPBFP with researching and implementing financial policies and procedures in conjunction with the operational managers and others throughout the university. This will also include drafting and coordinating new policies as needed and keeping office and university procedures current.

Assist, advise, and represent the AVPBFP in a wide range of executive administrative duties. This position serves as a member of the Budget and Financial Planning leadership team and represents the AVPBFP in tracking and communicating key projects in AVPBFP to departmental staff. In addition to any projects specifically assigned, this position will have administrative responsibilities to include the following: assisting the AVPBFP to prepare and assemble materials for meetings, including the quarterly Board of Visitors meetings, prioritizing work activities (and reprioritizing as needed to accomplish unanticipated requests or projects requiring immediate attention), coordinating the annual departmental strategic planning process and the development of annual goals and objectives, monitor and report on performance metrics, and assist the AVPBFP with staff training and development of related materials.

In addition, this position coordinates and compiles annual budget requests, and assists with monitoring, reviewing, and projecting budgets and expenditures for the Office of Budget and Financial Planning and assists the AVPBFP with human resource actions including the management of recruitment of positions reporting directly to the AVPBFP, performance plans, and annual reports.
**Employee Category:** Administrative and Professional Faculty

**Posting Number:** 0121572

**Working Title:** Director, Compliance and Conflict Resolution

**Posting Number:** 0121572

**Department Review Date:** 03-26-2012

**Position Responsibilities:**

The Director for Compliance and Conflict Resolution reports to the Executive Director of Equity and Access in the Dept of Human Resources and assists with providing leadership to advance the university's equal opportunity and compliance efforts. The Director assists with providing management and leadership of Virginia Tech's efforts to prevent and address incidents of harassment and discrimination at the university, serving as the institution's Title VII Coordinator and Title IX coordinator, taking proactive measures to increase policy awareness and, through training and other means, to instill an understanding of appropriate procedures for dealing with associated concerns. The incumbent handles formal internal complaints, and in consultation with the Executive Director, responds to external agency charges on behalf of the university. The incumbent works proactively with academic and administrative units of the university to address complex problems successfully, and to develop and implement policies and programs designed to both meet compliance requirements and at the same time engage in building and maintaining a climate of inclusiveness and respect at the university. The Director also oversees the university's conflict resolution program and, where consistent with compliance requirements, determines whether informal options may be appropriate for addressing specific situations. Ensures the University's compliance with all local, state, and federal civil rights laws and regulations.

**Institutional Biosafety Committee Administrator**

**Posting Number:** 0121582

**Department Review Date:** 03-14-2012

**Position Responsibilities:**

- Overseeing and coordinating Institutional Biosafety Committee (IBC) compliance activities;
- Managing submitted IBC protocol applications;
- Developing and providing operation of the IBC Post Approval Monitoring (PAM) Program within the ORC, which includes conducting audits of researchers’ files and procedures;
- Developing, providing and documenting federally-mandated training of faculty, staff, and students;
- Managing the IBC database and files; and
- Communicating and interfacing with individuals within and outside of the University.

The services provided by the IBC Administrator are essential to ensuring University compliance with federal regulations directing the IBC and service delivery. The IBC Administrator acts as a liaison between the IBC, Investigators and VT Environmental Health and Safety (EHS).

The successfully selected candidate will have demonstrated effective oral and written communication skills. Additionally, the successfully selected candidate will work effectively in a team setting while analyze, prioritize and solve procedural problems effectively.

**Apply Online:** [http://jobs.vt.edu](http://jobs.vt.edu)
**Employee Category:** Administrative and Professional Faculty

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**Position Responsibilities:**
Reporting to the Assistant to the VP-Finance, the Business Manager provides assistance in the overall management of all business and financial affairs of the Office of Vice-President of Finance. The position will be responsible for budget development, allocation, forecasting, and monitoring of all budget and finance activities performed in the Vice-President of Finance management area. In addition to working with Vice-President of Finance budgets, this position will support the development and analysis of the Virginia Tech Foundation Unrestricted budgets. Serves as the primary financial and administrative liaison for all VP Finance areas; providing guidance and interpretation on university business and financial policies, evaluating budget requests, and resolving issues. Additional responsibilities include leading special projects and conducting financial analysis, as requested; coordinating administrative processes; performing other tasks as assigned. Ensures compliance with university, state, and federal regulations and adherence to guidelines in conducting all business and financial matters.

| Assist./Assoc. Director of Development College of Science | 0121589 |

**Position Responsibilities:**
Reporting to the Director of Development for the College of Science, the Assistant/Associate Director will assist in carrying out the designated duties and responsibilities of the College of Science development programs. This highly motivated professional will be involved with the planning and implementation of the College of Science fundraising efforts in support of current operations, endowment, and other capital purposes from all private sources. She/He will fulfill the duties under the direction of and in close cooperation with the College's Director of Development and the University’s Central Development office.

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**Apply Online:** [http://jobs.vt.edu](http://jobs.vt.edu)

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Associate Vice President for Research Operations

Position Responsibilities:
Reporting to the Vice President for Research, the Associate Vice President for Research Operations provides general management for Office of Research activities including financial management, information technology management, and human resource management within the Office of Research. The AVP provides oversight to university-wide sponsored research administration activities and all human resource functions for research faculty. In this role, the AVP achieves and maintains administrative efficiencies that support and facilitate the activities of the faculty, students, and staff as well as the organized research programs, institutes and centers of the university at all levels and locations.

Core responsibilities:

General Administration
- Lead administrative operations that facilitate activities of the faculty, students, and staff as well as organized research programs, institutes and university centers at all levels and locations.
- Establish and implement short and long-range organizational goals, operating procedures, and programs and services; monitor and evaluate overall effectiveness, and develop and implement changes required for improvement.
- Conduct management analysis and planning for a variety of single issue and ongoing projects for the Vice President.
- Design, establish and maintain an organizational structure and staffing to effectively accomplish goals and objectives; oversee recruitment, training supervision, professional development and evaluation of direct reports.
- Provide oversight for sponsored research administration functions within the Office of Research.
- Provide oversight regarding communication, implementation and evaluation of financial, human resources, information technology and facilities operations.
- Risk Management Oversight: In consultation with other appropriate professionals in administrative units, work to update, review and improve risk management measures.
- Oversight of IT to ensure coordination with overall IT initiatives of the University, best available IT systems, software and other resources, and with minimum downtime.
- Perform other duties as assigned.

Financial Management / Research Administration
- Oversee the fiscal operations and control of all financial and purchasing resources for the assigned area, ensuring accuracy and compliance with federal, state and university guidelines for the efficient and effective utilization of resources.
- Coordinate resource allocation for University Institutes and Centers.

Human Resources
- Provide oversight for the delivery of a full range of human resources programs, staff and services to include: recruitment and staffing, EO/AA; compensation analysis and planning; performance management, employee relations and workforce planning.
- Responsible for the university-level management of human resource operations for Research Faculty. This includes approval of all personnel transactions and maintenance of a compensation management program.
- Provide oversight for Human Resource services for a staff of approximately 100 individuals in the central Office of Research.

Apply Online: http://jobs.vt.edu
**Employee Category:** Administrative and Professional Faculty

**Working Title**

Asst VP, Office of University Planning

**Posting Number**

0121659

**Department Review Date:** 04-01-2012

**Position Responsibilities:**

Virginia Tech invites applications and nominations for the position of Assistant Vice President for the Office of University Planning, a newly created office resulting from the merger of the offices of Real Estate Management and the University Architect.

Reporting to the Associate Vice President and Chief Facilities Officer, the Assistant Vice President for the Office of University Planning has a leadership role in matters of campus aesthetics and the preservation of Virginia Tech’s architectural heritage. This is a highly visible position that interacts with top-level administration of the university in strategic planning, long range physical planning and development, and development of the capital outlay program for the future benefit of the university. The Assistant Vice President for the Office of University Planning will have a dual reporting relationship to the Vice President for Administrative Services as the university planner. This position is responsible for developing and implementing the Campus Master Plan, coordinating university efforts to assure that facility and space needs are being met, and ensuring that the direction of capital project program planning is integrated with long range physical planning. The Assistant Vice President for the Office of University Planning collaborates with university partners to identify strategic property acquisitions to advance the university's mission and future growth needs, and provides oversight of all real estate matters and transactions. This position will be responsible for providing effective vision, leadership and strategic direction for the development and management of new space management policies, as well as cultivate an appreciation among institutional leadership the importance of the university effectively managing its space.

The office will be responsible for providing guidance through the professional disciplines and core competencies of architectural design, campus planning, land planning/landscape architecture, space programming and analysis, integrated sustainable planning, and real estate management.

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**Coordinator of Fitness**

**Posting Number**

0121608

**Department Review Date:** 03-20-2012

**Position Responsibilities:**

The Fitness Coordinator reports to the Assistant Director of Fitness and Assessment. Under the supervision of the Assistant Director of Fitness and Assessment, the Fitness Coordinator will be responsible for the overall planning and coordination of a comprehensive fitness program including group exercise, fitness assessment, personal training, wellness, special events, and student development. Other job responsibilities include but are not limited to: supervising student staff; teaching for-credit courses for group exercise and personal training; organizing programs, events and activities; promoting health and wellness for the campus community; developing new and improving existing fitness programs; and supporting all areas of Recreational Sports.

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**Apply Online:** [http://jobs.vt.edu](http://jobs.vt.edu)

**Tuesday, May 01, 2012**
Employee Category: Administrative and Professional Faculty

Working Title

Associate Director, Undergraduate Admissions

Posting Number 0121603

Department Review Date: 04-01-2012

Position Responsibilities:
Associate Director, Undergraduate Admissions

Reporting to the Director of Undergraduate Admissions, the Associate Director plays a critical senior-level leadership role within the Undergraduate Admissions Office, co-managing a talented staff of assistant directors who plan, implement and administer programs and initiatives designed to target, recruit, admit, and retain students in undergraduate degree programs. In collaboration with a team of associate directors, oversees data collection, management and administrative functions for the unit.

Core Responsibilities:
- Serves as primary facilitator for all international recruitment and review.
- Will investigate, implement, and oversee application processing shift to paperless system.
- Manages collection and retention of applicant data, including beginning freshmen, transfer, international, and/or special admissions.
- Manages and participates in short- and long-term strategic planning and implementation of recruitment programs and activities, marketing plans, technology, and office goals that encompass the recruitment of freshmen, transfers, international students, and underrepresented students and the review of their applications.
- Works closely with parents, students, counselors and school officials, campus partners, academic departments, and external constituents to achieve unit goals.
- Develops innovative plans to support university goals of attracting and retaining an academically talented and diverse student population.
- May manage daily operations in admissions, including but not limited to recruiting, processing, and administrative operations.
- Develops and disseminates admission and transfer information through presentations and publications, working in conjunction with on- and off-campus constituents as well as statewide and regional contacts.
- Develops and maintains relationships with internal and external student and academic affairs offices to facilitate communications and cooperative efforts that ensure optimal programs and processes for beginning and transfer students.
- Serves on university committees and task forces.
- Oversees the supervision of personnel, which includes work allocation, training, promotion and enforcement of internal procedures and controls, and problem resolution; evaluates performance and makes recommendations for personnel actions; motivates employees to achieve peak productivity and performance.
- Assists with the development of annual operating budgets and fiscal direction to the unit.
- Assists with year-end audits in an effort to meet established enrollment targets.
- Represents the office in the absence of the Director.
- Performs miscellaneous job-related duties as assigned.
- Supervises the application processing team.

NOTE: Must be willing to work a schedule that includes frequent evenings, weekends, holidays and out-of-town travel. A valid driver's license is required. Must also be able to safely and independently lift at least 40 pounds.

Tuesday, May 01, 2012

Apply Online: http://jobs.vt.edu

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**Employee Category:** Administrative and Professional Faculty

**Working Title**
Lead Web Development Software Engineer

**Posting Number**
0121614

**Department Review Date:** 04-02-2012

**Position Responsibilities:**
Lead Web Development Software Engineer

Reporting to the Director of Online Learning and Collaboration Services (OLCS), the person filling this position will act as the development lead for all technology services provided for by the OLCS team, most notably Scholar (our Course Management System based on Sakai), but also other diverse systems such as our Online Course Evaluation System, FDI system, ElementK, and WordPress. This person filling this position will serve as a senior software engineer, which includes mentoring of other developers as well as coding. The position designs, develops, and implements web-based Java applications. Additionally, he or she will be responsible for all phases of application development, including integration with other applications and with existing enterprise systems. Position works directly with supervisor, members of a development team, and other teams within Learning Technologies (QA, support) to meet project goals with an emphasis on usability and end user satisfaction. Works directly with end users (faculty, staff, students) to determine needs for application development and documents these needs. Works to develop and design prototypes of proposed software solutions. Lastly, works closely with other IT groups at Virginia Tech to develop common skills and tools, as a technical ambassador from our group.

**Position Responsibilities:**
Assistant to Associate Vice Presidents, Univ. Development

**Posting Number**
0121620

**Department Review Date:** 04-10-2012

**Position Responsibilities:**
The Assistant to the Associate Vice Presidents in University Development provides support for management and administrative functions of this senior management area. The areas that report to the Associate Vice Presidents include fund raising and advancement services within both the central development office and the fundraising programs and units located in the colleges and university program areas. This position supports the Associate Vice Presidents’ role in various fundraising, campaign, and university-related planning. The Assistant to the AVPs provides oversight to the coordination of responses to a variety of internal and external constituents, manages special projects at the direction of the AVPs, and represents the AVPs at specified meetings. In carrying out these responsibilities, the Assistant to the AVPs must have an excellent working relationship with managers throughout University Development and with central administrative offices as well as the academic units within the university and must have outstanding communication skills.

**Apply Online:** http://jobs.vt.edu
Employee Category: Administrative and Professional Faculty

**Posting Number**

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<th>Working Title</th>
<th>Financial Compliance Manager</th>
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<td><strong>Posting Number</strong></td>
<td>0121644</td>
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<td><strong>Department Review Date:</strong></td>
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**Position Responsibilities:**

Reporting to the University Bursar, the Financial Compliance Manager is responsible for a comprehensive program supporting the activities of the policy, planning, and compliance with applicable Federal, State, and industry regulations. Responsibilities include developing a compliance and assessment program to ensure that university departments and operations are in compliance with the requirements of the Payment Card Industry Data Security Standards (PCIDSS) and various other regulations related to protecting customer information, as well as special projects as assigned.

The Compliance Manager supports the initiatives in partnership with the university departments by engaging in continuous compliance evaluations, remediation efforts, and monitoring. The scope of the initiatives includes, but is not limited to, existing and new applications as well as physical and information technology (IT) infrastructure components. The role includes the identification of IT related control risks and weaknesses as well as working with the departments to plan, schedule, and execute review of procedure documentation, training, risk assessments, monitoring, and remediation efforts.

The Compliance Manager will work in partnership with the university departments and constituents through the use of strong interpersonal skills and collaborative techniques focusing on building strategic relationships. The role includes the ability to provide training and education on subject areas and tools to the university users, as well as facilitating organized and thorough documentation practices. The successful candidate will act as the university liaison with university merchants and external vendors to ensure successful and secure payment card operations.

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<th>Working Title</th>
<th>Staff Psychologist/Counselor</th>
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<td><strong>Department Review Date:</strong></td>
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**Position Responsibilities:**

The Thomas E. Cook Counseling Center invites applications for a staff psychologist/counselor with a primary interest in college student mental health. This is a full-time professional faculty appointment.

The Cook Counseling Center provides mental health services to the student community of Virginia Tech. The Staff Psychologist/Counselor works with a multidisciplinary staff of psychologists, counselors, psychiatrists, nurse practitioners, psychology interns, and practicum students to deliver services that maintain the highest standards of professional and ethical care. The Staff Psychologist/Counselor has responsibility for the following:

- provide individual services to students including initial assessment, diagnosis, and determination of treatment needs;
- conduct on-going individual, couples, and group psychotherapy with students;
- utilize appropriate psychometric assessments as needed during evaluations;
- conduct crisis interventions as needed during after-hours emergency on-call rotation;
- supervise pre-doctoral interns in APA-approved site, as well as practicum students;
- provide outreach services to the university community.

For additional information about Cook Counseling Center, please see our web site at www.ucc.vt.edu.

**Apply Online:** [http://jobs.vt.edu](http://jobs.vt.edu)
Employee Category: Administrative and Professional Faculty

Working Title

Director of Student Conduct

Posting Number 0121654

Department Review Date: 04-20-2012

Position Responsibilities:
Reporting to the Associate Vice President for Student Affairs, the Director of Student Conduct advances a progressive, innovative and learning-centered program responsible for leading the university student community in decision-making that honors the behavioral expectations of Virginia Tech. As the chief conduct officer, the Director champions a learning process that emphasizes reflection, community commitment and civility. In addition, the Director provides vision, strategic direction, and support for a full-time staff of six (Associate Director, Assistant Director, two coordinators, a case manager, and an administrative assistant) and a cadre of student leaders working in peer-educator roles.

Director of Information Technology Services

Posting Number 0121656

Department Review Date: 04-02-2012

Position Responsibilities:
The Director of Information Technology Services is a key leader within the Administrative Services Division and responsible for the comprehensive technology infrastructure within Division. The units with the division include Business Services, Environmental Health and Safety, Facilities Services, Emergency Management, Human Resources and the Virginia Tech Police Department. The technology infrastructure includes server, network, security, database, and systems administration, as well as desktop support. The Director is responsible for streamlining administrative processes through the use of technology to improve operational efficiencies and reduce costs, maintaining a robust and unified information technology infrastructure, and determining procedures and technologies to keep university sensitive information secure. The Director is responsible for the supervision of seven full time IT professionals, as well as supporting wage support and graduate student(s). The successful candidate will report to the Assistant Vice President for Business Services.

Apply Online: http://jobs.vt.edu
Employee Category: Administrative and Professional Faculty

Working Title: Director of Organizational Advancement-VTTI
Posting Number: 0121660

Position Responsibilities:
The position, reporting to the senior associate director for operations and finance, serves as a key member of the VTTI management team. The individual’s primary responsibility will be related to commencing the operations of new business units, or sub-units, related to the Institute. They will also be responsible for supervising individuals who handle proposal development and submission and technical reporting on projects. Finally, the positions will be responsible for supervising staff involved in external relations and outreach activities.

Start-up Operations: Responsible for operational start-up of new business units or sub-units, either based on initiation of large contracts or incorporation of new affiliated entities. Specifically the person hired for this newly created position will be immediately responsible for setting up the business processes of the National Tire Research Center that will be operating in Halifax County at the Virginia International Raceway. In general, they will work with appropriate institute personnel and university representatives to assure management is in place to operate the new organizations and that fiscal and administrative skills are in place to facilitate smooth transition to full operation.

Proposal Development: Responsible for submission of all proposals by the institute in a timely fashion, supervising a staff of fiscal personnel, and individuals who provide technical writing and editing services. Chief liaison with Office of Sponsored Programs pre-award and contracts group.

External Relations/Outreach: Responsible for managing non-technical relationships with all external constituencies. Supervisor of communications manager who acts as liaison with university relations, is responsible for web page design and content, and handles all outreach activities. Works directly with university development to explore gift opportunities, and assists in the development of industrial affiliate program. Also supervises an individual who assists principal investigators with submitting technical reports to sponsors.

Other Duties: Position will be the chief deputy to the senior associate director for operations and finance who has responsibility for organization finance, buildings and grounds, and human resources among other tasks. Assists as needed in these areas and serves as backup to the senior associate director.

Apply Online: http://jobs.vt.edu

Tuesday, May 01, 2012
Position Responsibilities:

Education and Leadership:
Provide training and supervision to 5-8 Masters level professional faculty, 1-4 graduate staff supervisors, and 70+ residence hall staff members; supervise an Area Office Manager who is responsible for student billing, occupancy management, student conduct data entry, housing and residence life support and key control; possibly teach one section of Introduction to Residential Communities and Leadership class for academic credit, or other living and learning community courses; coordinate all administrative information and processes for the opening and closings of the halls; foster a supportive and challenging environment of inclusion through staff selection, training, community learning outcomes, and interpersonal contact with staff and students; provide support for the Hall Council(s) and its officers; serve as secondary advisor to the hall councils with area of responsibility; collaborate with the Academic Initiatives staff to plan and implement educational components of any living and learning or themed programs in the assigned area; evaluate and assess processes and programs to improve future outcome; champion and integrate the Division of Student Affairs Aspirations for Student Learning.

Area Management:
Provide leadership, coordination and oversight for a residential area housing approximately 3,000 graduate and undergraduate students living in a variety of housing facilities including traditional, co-ed, and single-sex; responsible for implementing the mission, values, and goals within the area of responsibility; provide leadership to an area office that provides services to residential students, housing and occupancy operations such as room changes, key control, damage billing, coordination of residence hall opening and closing, health and safety inspections, payroll, space registration, and incident reports; work with housekeeping and maintenance personnel to maintain ongoing programs of hall maintenance, cleaning and refurbishment; interpret and enforce all University and departmental policies; review alleged violations of University Policies for Student Life, assist in the administrative follow-up, and adjudicate student conduct hearings; provide appropriate consultation, mediation and referral for individual students and staff; serve as the accounts manager for an area staff development budget.

Departmental Responsibilities:
Serve on emergency response duty rotation schedule for campus of 9,100 residents; serve on departmental and University committees; provide leadership and supervision for training or selection committees; attend bi-weekly leadership meetings; assist with departmental strategic planning, policy and procedure creation and implementation, and budget and staff allocations; participate in periodic committees and task groups; provide event approval for use of space; participate in selection processes for student staff; provide periodic leadership and participation in professional faculty searches and classified staff hiring; perform other duties as assigned by supervisors.

Professional Involvement and Development:
Serve as primary liaison to departments within and outside of Student Affairs to facilitate communication and collaboration; participate as requested on ad hoc planning committees within Student Affairs; maintain a positive working relationship with the office of Student Conduct in order to ensure consistency within the conduct process and serve as effective conduct hearing officer; attend Division of Student Affairs On-Call training activities; enhance and develop teaching, computing and administrative skills through continuing education and training; participate in departmental professional development programs; seek opportunities for collaboration with faculty and academic affairs in areas of professional interest or in support of departmental goals.

Apply Online: http://jobs.vt.edu
Employee Category: Administrative and Professional Faculty

Working Title: Executive Director, Executive MBA Program

Posting Number: 0121406

Department Review Date: 04-09-2012

Position Responsibilities:

Executive Director, Executive Master of Business Administration (EMBA) Program
Pamplin College of Business

Reporting to the Associate Dean for Graduate Programs, the Executive Director will oversee the overall mission of the Virginia Tech Executive Master of Business Administration (EMBA) Program and will serve as a key member of the leadership team that sets the program’s strategic direction, goals and tactical plans. The Pamplin Executive MBA program is an 18-month accelerated program designed for executives and adapted to their work schedule, combining the resources of Virginia Tech's Blacksburg campus with the convenience of location in the Washington, D.C. metropolitan area.

Core responsibilities:
- Develops and implements the Virginia Tech Executive Master of Business Administration (EMBA) Program, an 18-month accelerated program designed for executives.
- In cooperation with faculty, develops and implements innovative curricula that target specific career phases of working executives.
- Develops and implements student sourcing strategies for assigned program. Establish partnerships with corporations and other organizations interested in the continued development of their employees.
- Establish and measure progress against enrollment objectives; effect changes required for improvement.
- Offer insights and guidance concerning admissions standards and policies.
- Identify and attend conferences as appropriate to recruit prospective students.
- Promotes diversity in all aspects of the EMBA program, including faculty hiring and retention, executive student recruitment, climate and culture issues.
- Develops and implements revenue-generating strategies to maintain programmatic feasibility and success. Engages in fund-raising efforts for the program, and is expected to support opportunities to grow the program and College’s reputation, resources, and impact.
- Cultivates strong working relationships within the larger University and with alumni, external partners, advisory board members, the academic and philanthropic communities, and other key stakeholders.
- Establishes and implements short- and long-range organizational goals, objectives, strategic plans, policies, operating procedures, and programs and services; monitors and evaluates overall effectiveness, and develops and implements changes required for improvement.
- Provide oversight for EMBA program budget and financial planning, management, and reporting activities.
- Ensures compliance with all federal, state, and local laws and regulations and university policies.
- Designs, establishes, and maintains an organizational structure and staffing to effectively accomplish goals and objectives; oversees recruitment, training, supervision, professional development and evaluation of the program’s faculty and staff.
- Leads or serves actively on appropriate University and Professional committees and task forces; effectively represents the program to internal and external constituents.
- Performs other duties as assigned.

Apply Online: http://jobs.vt.edu

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Vice President for Information Technology and CIO

Position Responsibilities:
The Vice President for Information Technology (VPIT) and Chief Information Officer (CIO) reports to the President and is responsible for the institution's information technology assets, infrastructure and services. The Vice President works with the university community and its leaders to define the vision for, describe the role(s) of, and lead the implementation of information technology activities that support Virginia Tech's strategic goals.

Since information technology strategies must advance university excellence in teaching and learning, research and discovery, and in outreach and engagement, several overarching aims guide the process: 1) Excellence and competitive advantage in teaching and learning in the globally connected 21st century leverages the most advanced learning technologies and methodologies and yields increased efficiency and effectiveness in learning and the systems that support learning. 2) Excellence and success in 21st century research and discovery depends upon having competitive advantages in high performance computing and advanced network infrastructure, and in related support services that benefit emerging and ongoing discovery practices and processes. 3) Excellence in outreach and engagement depends upon advanced communications and information technology capabilities to promote economic development and advance knowledge and skills for citizens at home and abroad who seek to meet modern global challenges.

The Vice President oversees a full range of information technology services for the university, including central computing facilities, network infrastructure and services, enterprise systems, learning technologies, research computing, and a range of converged technologies that support innovative approaches for enhanced security, safety, and resilience. A budget of approximately $50 million supports these operations and the information technology related cost-recovery auxiliaries.

Assoc Extension Specialist, 4-H Youth Development, Camping

Position Responsibilities:
Virginia Cooperative Extension invites nominations and applications for the position of Associate Extension Specialist, 4-H Youth Development, Camping.

Virginia Cooperative Extension (VCE) is a dynamic organization that builds on the strengths of Virginia’s agriculture, natural resources, families, and community heritage and enables people to shape their future through research based educational programming. This mission is accomplished by faculty and staff located in 107 unit offices, four district offices, six 4-H educational centers, 13 agricultural research and extension centers, and in academic colleges of Virginia Tech and Virginia State University. The Associate Extension Specialist, 4-H Youth Development, Camping works closely with fellow specialists, faculty (both in the field and on campus) as well as other national, state, and local groups in administering a needs-driven 4-H program.

Camping is one of the primary delivery modes of the Virginia 4-H program. Annually, 27,000 youth participate in the 4-H camping program at Virginia’s six 4-H educational centers. Virginia’s 4-H camping program is recognized throughout the nation as a leader in 4-H camping programs. All six 4-H centers are accredited through the American Camping Association.

This position is an administrative professional faculty position. This position is located in the Virginia 4-H Office on the campus of Virginia Tech in Blacksburg, Virginia.
**Employee Category:** Administrative and Professional Faculty

**Working Title**

Database and Application Administrator I

**Posting Number:** 0121690

**Department Review Date:** 05-02-2012

**Position Responsibilities:**
The DBAA team is looking to fill three Database and Application Administrator positions. The position provides database, web server and application administration, enterprise systems maintenance, and technical user support in a multi-tiered 24x7 environment. The Database and Application Administrator is responsible for life cycle administration including installation, upgrades, patches and maintenance for database and application software. The position works as part of a team for the development, implementation, and ongoing support of enterprise application software systems. The Database and Application Administrator diagnoses, troubleshoots, consults, and resolves problems with complex systems in an enterprise database/web server environment. The position is responsible for ensuring the availability, scalability, and backup and recovery of enterprise systems. The Database and Application Administrator develops implements, and maintains appropriate monitoring to ensure high system availability and maximum performance and security for critical enterprise systems, as well as developing and/or coding software for operating systems and system utilities to assist in the support of the environment.

**Post Award Manager-VTTI**

**Posting Number:** 0121741

**Department Review Date:** 04-27-2012

**Position Responsibilities:**
The Post Award Manager is responsible for project research administration throughout the contract/grant life cycle from award to closeout. This includes compliance with all federal, state, university and sponsor policies, procedures, and regulations. The Post Award Manager will work closely with the Office of Sponsored Programs and Principal Investigator/Project Managers to ensure the timeliness and accuracy of transactions and external reporting requirements. This position requires the ability to exercise judgment, facilitate problem-resolution and prioritize effectively.

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Apply Online: http://jobs.vt.edu
**Employee Category:** Administrative and Professional Faculty

**Working Title**

Financial Planning Analyst

**Posting Number**

0121668

**Department Review Date:** 04-30-2012

**Position Responsibilities:**

The Financial Planning Analyst provides support to the overall financial planning efforts in the Office of Budget and Financial Planning through analysis and planning to lead data-driven decisions. Specifically, the Financial Planning Analyst will develop long term financial plans and benchmarking analyses, conduct special studies and respond to requests for financial analyses, model tuition and enrollment scenarios, participate in the preparation of the biennial budget request narrative and financial exhibits, analyze funding and policy recommendations and issues that impact higher education at the direction of the Assistant Director of Financial Planning and the Assistant Vice President for Budget and Financial Planning.

The Financial Planning Analyst is directly responsible for participating in the following major strategic and operational responsibilities of financial planning:

- **Financial Analyses and Benchmarking:**
  The Financial Planning Analyst maintains a comprehensive understanding of higher education funding models, analyzes various financial information related to the cost of education, enrollment, tuition and fees, and operating costs for Virginia Tech and other institutions, develops and maintains comprehensive market analyses to support the university's competitive compensation goals, benchmarks tuition and fees against Virginia and SCHEV peers, and assists with the identification, selection, and execution of additional benchmarks analyses as needed.

- **Institutional Reflection and Forecasting:**
  The Financial Planning Analyst assists in the development of the university's Six-Year plan, models tuition and fee revenue and supports the office's development of nongeneral fund revenue forecasts, analyzes and reports on historical trends, develops forecasts of future levels of activity in various university functions through the analysis of historical data, develops projections based on sound rationale including quantitative and qualitative factors, provides accurate and reliable information in a timely manner, and proactively anticipates requests to position the office and university to be effective in responding to internal and external constituents.

- **Special Studies and Projects:**
  The Financial Planning Analyst helps to facilitate effective operational and strategic decision-making by supporting special studies and projects in response to questions and requests for information from the university administration, Board of Visitors (BOV), and offices of the state government such as the Department of Planning and Budget (DPB), SCHEV, Senate Finance Committee, and House Appropriations Committee, maintaining an up-to-date understanding of higher education with a primary focus around Virginia issues, and communicating relevant information to the Assistant Director of Financial Planning.

- **Management and External Reporting:**
  The Financial Planning Analyst prepares reports for university management on routine financial planning activities, contributes to the annual reports, and assists with special initiatives.

This position upholds the universal competencies of teamwork, maintaining a safe and secure work environment, and commitment to opportunity and inclusion.
Employee Category: Administrative and Professional Faculty

Working Title
Associate Director of Patron Services, Center for the Arts

Posting Number
0121777

Department Review Date: 05-10-2012

Position Responsibilities:
The Associate Director of Patron Services reports to the Director of Marketing and Communications and oversees customer service for the Center for the Arts through management of ticketing and front of house operations. The Associate Director of Patron Services is responsible for ensuring the overall positive experience of patrons of the center through a high standard of customer service, effective communication, and forward thinking strategies to continually evaluate and improve related systems.

Areas of responsibility include supervision of ticketing/box office and front of house operations; contributing to policy and procedure development and managing policy and procedure implementation; internal and external communications; and ticketing system database management, data analysis, and reporting.

Key Responsibilities:

Customer Service management:
- Demonstrate customer service oriented leadership; establish and maintain best practices standards for staff performance
- Contribute to the development and implement ticketing and house management policies and procedures
- Oversee ticketing and front of house operations
- Supervise two operational managers, patron services volunteers, and student worker programs
- Resolve patron concerns and troubleshoot recurring issues
- Monitor the appearance of public areas to ensure order, cleanliness, and a consistently positive image
- Serve as manager on duty for front of house and ticketing as needed
- Contribute to Center for the Arts communications to ensure accuracy and clarity of patron services information

Ticketing System Database Management:
- Oversee ticketing database software operations, including building and maintaining events, running reports and queries, list building and patron-related troubleshooting
- Develop and maintain expert competency with ticketing software, implement product enhancements to best advantage of the center, and stay abreast of capabilities of competing systems
- Act as a liaison between the center and ticketing database vendor
- Monitor and manage ticket inventory and comp usage
- Ensure accuracy of ticket office daily deposits and reconciliations
- Create attendance, marketing, and revenue reports
- Project annual ticket sales and participate in pricing planning

Communication:
- Facilitate collaborative team atmosphere among ticketing, front of house, and production services units
- Promote effective patron services staff communication with other center staff, other university departments, external organizations, and patrons
- Establish and maintain positive and productive working relationships with the Marketing and Communications unit, other Center for the Arts staff, and other Virginia Tech departments; serve as Center for the Arts liaison with Parking Services and other key service providers
- Collaborate with other Marketing and Communications staff to estimate event attendance figures and to identify and fulfill publication and signage needs
- Contribute to Marketing and Communications unit strategy development and execute action plans

Apply Online: http://jobs.vt.edu
Assistant Director for Education Abroad

Position Responsibilities:
The assistant director for Education Abroad reports to the director for Education Abroad (DEA). This position will assist with the leadership, management and direct support of Virginia Tech's education abroad program and assist with the development of area studies at the university. Responsibilities will include support and training for faculty-led programs overseas; oversight of the university's web-based enrollment management system for education abroad (StudioAbroad); oversight of all education abroad scholarships and financial aid; as well as area studies programming, grant writing, and management of funded projects. This is a regular full-time, calendar year, administrative and professional faculty position.

Program Director, Jamestown 4-H Educational Center

Position Responsibilities:
The Program Director's primary responsibility is to oversee the 4-H Center Program Department- to plan, conduct, supervise, and evaluate educational programs for youth and adults. All youth programs will be conducted in accordance with the Virginia 4-H Program guidelines, the Virginia Department of Education's Standards of Learning guidelines, and the American Camping Association's standards for camps and conference centers. The Program Director is responsible for taking the initiative to promote the use of the 4-H Center in cooperation with Cooperative Extension for programs to serve, in this priority: (1) 4-H youth, (2) other youth, and (3) adults (e.g., individuals, organizations, professional groups, businesses, churches, colleges and Universities, and other groups which can benefit from programs offered by and through the 4-H Center).

Application Analyst

Position Responsibilities:
Analyze and review the technical infrastructure for research administrative systems for existing applications and new requests to ensure the effective utilization of vendor systems, technology standards, and local modifications so that research applications remain viable and sustainable over time from an enterprise perspective. Analyze, develop, maintain, and modify complex computer systems in a diverse technical environment to ensure accuracy and efficiency of application systems. Act as a technical member of ad-hoc teams by providing assistance and expertise, and by performing assigned tasks and objectives as part of the implementation, development, and maintenance of administrative systems.

Associate Director of First Year Experiences

Position Responsibilities:
The Associate Director of First Year Experiences is a 12-month administrative faculty position reporting to the Director of First Year Experiences in the Division of Undergraduate Education. The Associate Director will serve as an active member of the "Pathways to Success" leadership team providing ongoing support to multiple programs across the university. "Pathways to Success" programs are designed to set first-year students on their own paths equipped with appropriate tools for exploration and discovery, and provide them with the curricular and co-curricular opportunities necessary to fully engage as learners and ultimately as citizens. The position requires an individual who has strong conceptual, analytical and integrative thinking skills and experience especially as relates to first year students. The Associate Director must be able to collaborate with faculty from all disciplines represented at Virginia Tech in the design, implementation and assessment of appropriate support programs for first year students.

Apply Online: http://jobs.vt.edu
Employee Category: Administrative and Professional Faculty

**Working Title**

Assistant Director for Academics

**Posting Number**

0121779

**Position Responsibilities:**

Reporting to the Associate Director of the Virginia Tech Language and Culture Institute (VT LCI), Falls Church location, the assistant director for academics serves as part of a team of TESOL (Teachers of English to Speakers of Other Languages) professionals providing academic guidance, training and mentoring to instructors in the Institute's English language program. The assistant director for academics advises students, assists in program coordination; conducts and/or coordinates in-service and pre-service training and faculty development; regularly observes and evaluates instructors; revises curriculum and develops new local courses and programs as necessary; reviews, updates and enforces standards (teacher handbook, student handbook, program policies, etc.); coordinates trainee assessment, and; assists in teacher recruitment. As part of the VTLCI's academic leadership team, the assistant director for academics is expected to stay current on professional literature and present at professional conferences, meetings, and seminars. S/he teaches regularly scheduled classes as enrollment warrants and substitutes for classroom teachers when necessary. This is a 12 month, full-time restricted A/P faculty position with benefits.

**Clinical Veterinarian**

**Posting Number**

0121784

**Position Responsibilities:**

The Office of the University Veterinarian at Virginia Polytechnic Institute and State University (VT) is seeking a Clinical Veterinarian with experience in laboratory animal medicine to join a diverse program encompassing scientific, biomedical and agricultural teaching and research programs. The position supports and collaborates with the Attending Veterinarian to plan, implement and direct the programmatic and operational activities of animal care and use at institutional facilities and assures proper husbandry and veterinary care of university-owned animals. The successful candidate will work collaboratively with the Attending Veterinarian, facility managers/supervisors, clinical specialists from the College of Veterinary Medicine (e.g., Production Management Medicine, Equine Field Service, pathology), and agricultural scientists to develop and manage a comprehensive program of veterinary care and husbandry compliant with Public Health Service and USDA regulations; provide clinical veterinary care for teaching and research animals, including rodents, aquatics, wildlife, and farm animals; advise and train investigators, technical staff and students; and perform other duties and responsibilities as assigned. The College of Veterinary Medicine is currently AAALAC accredited. This position will assist in maintaining AAALAC accreditation and achieving it elsewhere on campus.

**Application Analyst**

**Posting Number**

0121745

**Position Responsibilities:**

Enterprise Systems is looking for three Applications Analysts to provide business analysis and information technology development and support services for enterprise document management, imaging technologies, business workflow, and digital repository systems.

Perform business process analysis, business requirements development, and systems analysis and design to develop and support these systems. Support and manage the systems including software development, system configuration, software and process maintenance, systems integration, technical and functional consultation, security configuration and other duties as required to enhance and sustain services and operation of these systems.

Provide functional and technical training and guidance to other IT professionals and functional office users for system usage and operations.

**Apply Online:** [http://jobs.vt.edu](http://jobs.vt.edu)
Employee Category: Administrative and Professional Faculty

Working Title: Application Analyst

Posting Number: 0121740

Department Review Date: 05-04-2012

Position Responsibilities:
Three positions exist in the following areas: Human Resource Information Systems and Financial Information Systems.

Analyze, develop, maintain, and modify complex information systems in a diverse technical environment to ensure accuracy and efficiency. Elicit functional requirements using a variety of techniques and tools such as interviews, requirements workshops, business process descriptions, use cases, task and workflow analysis. Interpret customer business needs using analytical skills combined with technical expertise to create system requirements and technical specifications. Develop test plans and review new and modified systems and programs to ensure all programs and systems meet customer business needs, internal standards, and efficiency requirements.

Analyze and review the technical infrastructure for existing and new enterprise information systems to ensure the effective utilization of vendor systems, technology standards, and local modifications so that these information systems remain viable and sustainable over time from an enterprise perspective. Act as a technical member of ad-hoc teams by providing assistance and expertise and by performing assigned tasks and objectives as part of the implementation, development, and maintenance of enterprise information systems.

Extension District Director, Southwest District

Posting Number: 0121786

Department Review Date: 05-14-2012

Position Responsibilities:
Virginia Cooperative Extension seeks an Extension District Director for the Southwest District. The Southwest District Office is located in historic Abingdon, Virginia and is housed at the Southwest Virginia Higher Education Center. This high-tech facility offers many amenities that are available to the community and hosts significant activities such as the Virginia Highlands Festival and the Mid-Atlantic Garden Faire. The district encompasses a 21-county region. Botetourt County is the northernmost boundary and Lee County is southernmost. Interstate 81 runs through the center of the district. The district is composed of primarily rural communities, but also serves as home to urban areas such as the Cities of Roanoke and Bristol. Education is important to the region as the district hosts the campuses of Virginia Tech, Radford University and several private universities and community colleges. Natural resources and agricultural entities in the area include coal, timber, livestock, fruits and vegetables, tobacco, lakes, streams and beautiful state parks.

The position reports to the Associate Dean of the College of Agriculture and Life Sciences/Director of Extension. The Extension District Director supervises office staff and all extension agent faculty in the district. The successful candidate will have applicable administrative experience, professional extension experience and proven leadership success. The successful candidate will be lecturer rank, non-tenure track, professional faculty. Salary is commensurate with qualifications and experience.

Responsibilities include: Provide administrative and programmatic leadership to the District. Serve as the administrative link between extension field faculty and staff and campus administration. Support and lead all unit offices in the district. Recruit, interview, and employ extension district personnel. Provide training for faculty and staff. Evaluate extension programs and coach district personnel for success. Identify and recommend staffing plans for the district. Promote volunteer involvement including Extension Leadership Councils and ensure that situational analyses are conducted to guide needs based programming. Provide leadership for effective civil rights and diversity efforts. Coach and counsel faculty to ensure that programs are effective in meeting local needs. Evaluate program impacts and modify programs as needed. Oversee budgets at the district and unit levels and ensure that resources are secured to support programs. Develop and maintain positive relationships with governmental and private agencies and elected officials. Market district programs to ensure continuing local, state and federal support.

Apply Online: http://jobs.vt.edu

Tuesday, May 01, 2012
**Employee Category:** Administrative and Professional Faculty

**Working Title**

Enology Extension Specialist

**Posting Number**

Enology Extension Specialist

**Department Review Date:** 05-21-2012

**Position Responsibilities:**

This position is a 100% extension, full-time (12-month) non-tenure track appointment in the Food Science and Technology Department located in Blacksburg, VA and will report directly to the Department Head. Primary responsibilities of this position are to expand the educational resources available to Virginia grape and wine producers. They will also be able to support the technical growth and development of Virginia's wine industry, through the expansion of educational extension programs and applied enological research; to provide educational resources to existing and potential wine industry practitioners; and to provide an educational bridge between vineyard practices that directly impact wine quality potential, and the wine production practices that maximize that potential. This position is primarily a field resource, working directly with grape and wine producers throughout the state, but having a fixed base of operations either in the Food Science and Technology Department on campus, or at the Agricultural Research and Extension Center in Winchester.

**Position Responsibilities:**

**Department Review Date:** 06-01-2012

**Position Responsibilities:**

Reporting to the Commandant, the Associate Director of Virginia Tech Corps of Cadets Alumni Relations develops, promotes, coordinates, implements, maintains and evaluates a comprehensive alumni relations program for the Corps.

The Virginia Tech 900 plus member Corps of Cadets offers student cadets invaluable opportunities for superior leadership training and individual and career development. Virginia Tech is the first land-grant university in the nation to combine the leader development curriculum of a Corps experience with academic coursework in leadership to award a minor in leadership studies.

Core responsibilities:

- Conduct alumni relations events on- and off-campus, such as scholarship luncheons/dinners, ceremonies, reunions and anniversaries, donor stewardship events, corporate events, and other activities. Some travel required.
- Identify, cultivate, and steward alumni donors and volunteers.
- Advise and provide administrative support to Commandant and staff in the coordination, planning and implementation of Corps events on- and off-campus.
- Manage VTCC scholarship programs.
- Serve on assigned departmental and University committees and participate in other related duties as assigned.
- Work with university constituents such as Development officers, Career Services, and Public Relations areas to maintain unity between the university and its Corps alumni.
- Develop a comprehensive alumni communications program, to include managing content for an alumni magazine, periodic content to the university magazine, and the Corps alumni website.
- Coordinate or assist with coordinating logistics for Corps-specific events.
- Oversee and administer Corps’ donor acknowledgment programs.
- Serve as liaison with the Alumni Association by offering general assistance during reunions and homecomings, while also integrating Corps alumni events into the overall VT Alumni Association calendar.
- Perform other duties as assigned, such as monitoring specific budget accounts; developing promotional materials; preparing management reports; advising student leadership in student cadet development organizations; serving as community liaison; and coordinating and training volunteers.
- Provide liaison services to the Virginia Tech Athletic Department.

**Apply Online:** [http://jobs.vt.edu](http://jobs.vt.edu)
**Employee Category:** Administrative and Professional Faculty

**Posting Number**

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<tr>
<th>Working Title</th>
<th>Program Director, Southwest Virginia 4-H Educational Center</th>
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<tbody>
<tr>
<td><strong>Department Review Date:</strong> 05-18-2012</td>
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<td><strong>Position Responsibilities:</strong></td>
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<td>The Program Director's primary responsibility is to oversee the 4-H Center Program Department- to plan, conduct, supervise, and evaluate educational programs for youth and adults. All youth programs will be conducted in accordance with the Virginia 4-H Program guidelines, the Virginia Department of Education's Standards of Learning guidelines, and the American Camping Association's standards for camps and conference centers.</td>
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<td>The Program Director is responsible for taking the initiative to promote the use of the 4-H Center in cooperation with Cooperative Extension for programs to serve, in this priority: (1) 4-H youth, (2) other youth, and (3) adults (e.g., individuals, organizations, professional groups, businesses, churches, colleges and Universities, and other groups which can benefit from programs offered by and through the 4-H Center).</td>
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<thead>
<tr>
<th>Deputy Commandant of Cadets</th>
<th>0121801</th>
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<tr>
<td><strong>Department Review Date:</strong> 06-01-2012</td>
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<td><strong>Position Responsibilities:</strong></td>
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<td>The Deputy Commandants of Cadets report to the Commandant and are responsible for providing leadership and oversight to a full time Corps of Cadets. The Corps of Cadets was established in 1872.</td>
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<td>The Virginia Tech 900 plus member Corps of Cadets offers student cadets invaluable opportunities for superior leadership training and individual and career development. Virginia Tech is the first land-grant university in the nation to combine the leader development curriculum of a Corps experience with academic coursework in leadership to award a minor in leadership studies.</td>
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<td>Core Responsibilities:</td>
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<td>- In collaboration with Commandant and other Deputy Commandants, establishes and implements short- and long-range organizational goals, objectives, strategic plans; program development, implementation and evaluation; policy review and development; and operating procedures. Monitors and evaluates programmatic and operational effectiveness that includes staffing and budget; effects changes required for improvement.</td>
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<td>- Develops general knowledge of all departmental functions and processes in order to serve as resource to others or to act in place of the Commandant as required or directed. Ensures compliance with state and university policies in department operations.</td>
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<td>- Leads professional and student staff in developing supportive and multicultural environments through community development and educational programming.</td>
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<td>- Develops and implements programs and services to achieve the Corps' mission &quot;to graduate leaders of character who are instilled with the values and skills essential for leadership success in service to the nation.&quot;</td>
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<td>- Guides student development in skills required for success as leaders, academic excellence, cultural awareness, self-responsibility and social interaction. Provides appropriate counseling and referral for individual students and staff when needed.</td>
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<td>- Cultivates on- and off-campus relationships and partnering efforts that facilitate the achievement of institutional Corps' goals and objectives. Participates in Corps' recruitment and retention initiatives.</td>
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<td>- Oversees recruitment, training, supervision, professional development and evaluation of assigned cadet leaders and staffs.</td>
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<td>- Provides leadership in the planning and execution of conferences, meetings, special events and projects as assigned.</td>
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<td>- Serves on assigned departmental and University committees and participates in other professional development opportunities; provides leadership for one or more departmental committee assignments.</td>
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<td>- Performs other job-related duties as assigned.</td>
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<tr>
<th>Employee Category: Administrative and Professional Faculty</th>
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<tr>
<td>Working Title: Learning Specialist</td>
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<td>Posting Number: 0121734</td>
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<td>Department Review Date: 05-23-2012</td>
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**Position Responsibilities:**
The Learning Specialist will work with colleagues in Student Athlete Academic Support Services (SAASS) to meet the academic support needs of student athletes. Specifically, the Learning Specialist will work in conjunction with the Director and current Learning Specialist to oversee and implement the Learning Assistance Program for select student athletes and student athletes with disabilities. In this capacity, the Learning Specialist will:

1. Provide intensive academic support and learning assistance to student athletes.
2. Assist with the implementation and oversight of the strategic tutoring component of the Learning Assistance Program.
3. Implement and oversee the supplemental study group component of the Learning Assistance Program.
4. Assist with the oversight and training on the use of supplemental technology for the Learning Assistance Program.
5. Provide consistent and frequent feedback to Academic Coordinators concerning the progress of identified student athletes.
6. Serve on teaching team for a transitional course for identified student athletes.
7. Other duties as assigned by the Director of Student Athlete Academic Support Services.

The Learning Specialist may be required to work some evenings and weekends.

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<thead>
<tr>
<th>Occupational Safety Compliance Officer, Facilities Services</th>
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<tr>
<td>Posting Number: 0111261</td>
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<td>Department Review Date: 01-03-2012</td>
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**Position Responsibilities:**
Coordinates, oversees and audits the implementation of university Safety and Health Programs across all divisions of Facilities Services. Performs inspections, audits, sampling, analysis, and record keeping in compliance with federal and state regulations and guidelines for assigned program areas. Applies training, experience and knowledge, and provides inspections, audits, sampling analysis and record keeping consistent with federal and state regulations, guidelines and university policy and programs to facilitate compliance and reduce exposure of faculty, staff, students and visitors to hazards relating to assigned program areas. Supports the university Asbestos and Lead Compliance Programs by performing asbestos and lead assessments, sampling, evaluations, abatement and controls. Performs sampling and analysis and issues recommendations based on findings. Coordinates, oversees and/or audits abatement activities. Maintains required documentation including building profiles, abatement records, air sampling records, and periodic assessments of installed materials. Trains or coordinates asbestos/lead training needed by all covered employees. Serves as principal backup to other Facilities Services Occupational Safety Compliance Officer.

Apply Online: http://jobs.vt.edu
Employee Category: Administrative and Professional Faculty

Working Title: Compliance & Quality Control Officer

Posting Number: 0111312

Department Review Date: 01-13-2012

Position Responsibilities:
The Compliance & Quality Control Officer has two essential responsibilities in the Office of Sponsored Programs: compliance and award administration.

This position will ensure the university is following cost accounting principles, administrative requirements and audit requirements outlined in the Office of Management Budget Circulars A-21, A-110 and A-133, respectively. Monitor financial activities of sponsored projects to prevent unethical, illegal or improper conduct. Identify possible trends both good and bad. Work with departmental authorities to inquire about potential departures from regulation, policy, rule or procedure. Assist department in identifying better business practices and/or internal controls for minimizing future departures and potential audit consequences.

This position is responsible for managing a block of complex sponsored grants, contracts, and cooperative agreements that include time sensitive, non-standard reporting and billing requirements, complex cost sharing requirements, sub-recipient monitoring, and administrative oversight of financial and non-financial regulatory compliance. This position would also be responsible for exercising sound decision-making and problem solving skills in the administration and ongoing monitoring of restricted awards, and for participating in the development of administrative procedures to ensure compliance with university and sponsor policies and procedures.

Compliance & Quality Control Officer will provide leadership for research administration, foster team work, collaboration and demonstrate high commitment to customer service by applying extensive knowledge, skills and experience to the review and negotiation of research proposals prior to deadlines while providing guidance, direction and ensuring compliance with federal, state, and university regulations and guidelines.

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