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: http://www.provost.vt.edu/Resources.html
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™.
**Employee Category:** Special Research Faculty

**Working Title**

Postdoctoral Associate

**Posting Number**

0121775

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

**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.

---

*Postdoctoral Associate - Physics*

**Posting Number**

0121796

**Department Review Date:** 05-15-2012

**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 MicroBooNE Neutrino Experiment at Fermilab and on the Double Chooz Reactor Neutrino Experiment in France.

Specific duties for the MicroBooNE experiment will include developing online and readout systems and proton decay study in Liquid Argon. For the Double Chooz experiment the work will focus on the data analysis (background estimations, energy calibration and final O13 measurement and sensitivity studies) and maintenance of the Outer Veto muon systems for the far and near Double Chooz detectors (PMTs, electronics, DAQ, calibration, efficiency studies).

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. The successful candidate will be based in Blacksburg, VA but will be required to spend a brief period of time in Chooz, France and at Fermilab, Chicago.

---

(Senior) Software Engineer

**Posting Number**

0121767

**Department Review Date:** 05-22-2012

**Position Responsibilities:**

Established in July 2000 at Virginia Tech, the Virginia Bioinformatics Institute (VBI) is a research institute dedicated to the study of the biological sciences. By using bioinformatics, which combines transdisciplinary approaches to information technology and biology, researchers at VBI interpret and apply vast amounts of biological data generated from basic research to some of today’s key challenges in the biomedical, environmental and agricultural sciences.

Work at VBI involves collaboration in diverse disciplines such as mathematics, computer science, biology, plant pathology, biochemistry, systems biology, statistics, economics and synthetic biology. Transdisciplinary research at the institute encompasses scientific program areas that include bioinformatics, cellular networks, complex systems and genomes. The institute develops genomic, proteomic and bioinformatic tools that can be applied to the study of infectious diseases as well as the discovery of new vaccine, drug and diagnostic targets.

VBI is currently recruiting for multiple software engineers at various levels to join its Cyberinfrastructure Division. The (Senior) Software Engineers will work as part of a team of scientists, researchers, and software engineers to design, develop and support bioinformatics analysis and visualization software tools and web applications. Will be expected to participate in developing software that promotes advanced scientific research through innovative data handling, analysis and visualization methods. Will participate in analysis, design, and development of software visualizations, web applications, or runtime code; develop streamlined, functional, and user-friendly interfaces; and engage in collaborative work with peers both within the group and outside with the aim to achieve the above objectives.

For the successful candidates accepting an offer invitation, employment is contingent upon completing a criminal background check prior to starting employment.

---

Apply Online: http://jobs.vt.edu
Virginia Tech is inviting applications for a Postdoctoral Associate position on a multidisciplinary team pursuing agricultural sustainability in changing global economic and climatic environments. This team includes plant pathologists, horticulturists, agricultural engineers, economists and information technologists. This new position is in the areas of aquatic ecology, evolutionary biology, and fungicide resistance mechanisms of zoosporic plant pathogens. The selected applicant is expected to work creatively and independently, and interact effectively with other members on the team. Selectee will do thorough literature reviews and identify questions of theoretical and/or practical significance in one of the three areas, carefully design and perform lab and greenhouse experiments and field trials, timely analyze research data and write for publication and present at professional meetings. S/he also will be expected to contribute to extension activities in the area of selected projects. A PhD in plant pathology, or a closely related discipline and effective communication skills including the ability to write research reports and publish in refereed journals are required. Knowledge and skills in molecular biology, and genome biology are desirable. This position is available immediately and extendable beyond the initial one-year appointment, contingent upon satisfactory performance and continued funding. Salary is commensurate with experience plus a very competitive health and retirement benefits package. A complete application packet should include a cover letter, resume including a list of refereed publications, college and graduate transcripts, and the names and addresses of three references. The complete application must be submitted online at www.jobs.vt.edu. Inquiries should be directed to Dr. Chuan Hong, Virginia Tech, 1444 Diamond Springs Road, Virginia Beach, VA 23455, Phone: 757-618-7222, Fax: 757-363-3950, email: cchong2@vt.edu. Review of applications will begin on June 1, 2012, and the position will be open until it is filled. Virginia Tech is an equal opportunity employer/affirmative action institution.

Virginia Tech is inviting applications for a Postdoctoral Associate position on a multidisciplinary team pursuing agricultural sustainability in changing global economic and climatic environments. This team includes plant pathologists, horticulturists, agricultural engineers, economists and information technologists. This new position is in the areas of aquatic ecology, evolutionary biology, and fungicide resistance mechanisms of zoosporic plant pathogens. The selected applicant is expected to work creatively and independently, and interact effectively with other members on the team. Selectee will do thorough literature reviews and identify questions of theoretical and/or practical significance in one of the three areas, carefully design and perform lab and greenhouse experiments and field trials, timely analyze research data and write for publication and present at professional meetings. S/he also will be expected to contribute to extension activities in the area of selected projects. A PhD in plant pathology, or a closely related discipline and effective communication skills including the ability to write research reports and publish in refereed journals are required. Knowledge and skills in molecular biology, and genome biology are desirable. This position is available immediately and extendable beyond the initial one-year appointment, contingent upon satisfactory performance and continued funding. Salary is commensurate with experience plus a very competitive health and retirement benefits package. A complete application packet should include a cover letter, resume including a list of refereed publications, college and graduate transcripts, and the names and addresses of three references. The complete application must be submitted online at www.jobs.vt.edu. Inquiries should be directed to Dr. Chuan Hong, Virginia Tech, 1444 Diamond Springs Road, Virginia Beach, VA 23455, Phone: 757-618-7222, Fax: 757-363-3950, email: cchong2@vt.edu. Review of applications will begin on June 6, 2012. Virginia Tech is an equal opportunity employer/affirmative action institution.

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

Working Title

STEM Outreach Program Specialist

Posting Number: 0121910

Position Responsibilities:

Up to two positions may be filled through this search. The primary objective of the STEM Outreach Program Specialist is to support the overall management and administration of the U.S. Army's Youth Science Cooperative Outreach Agreement (YSCOA) portfolio at Virginia Tech under the direction of the Program Director (PD) and in consult with the Army Cooperative Agreement Managers (CAMs).

The Program Specialist will be assigned to a portfolio of YSCOA programs taken from the list below. The programs are implemented by YSCOA consortium members but receive marketing/communications, evaluation, and big-picture management from Virginia Tech. The Virginia Tech YSCOA team operates to fulfill the interests, objectives, and requirements of the Army.

YSCOA STEM Outreach Portfolio:
- Army Awards Program (AAP): provides award packages and Army judges to state, regional, and national science fairs.
- Gains in the Education of Mathematics and Science (GEMS): STEM summer enrichment program for middle school and high school students in Army laboratories.
- Research and Engineering Apprenticeship Program (REAP): national STEM summer internship program that places high school students with mentors in university labs.
- Science and Engineering Apprenticeship Program (SEAP): STEM summer internship program for high school students in Army labs.
- Science and Engineering Apprenticeship Program-College Qualified Leaders (SEAP-CQL): STEM internship program for college students and recent college graduates in Army labs.
- UNITE: pre-collegiate, pre-engineering, summer educational experience for high school students from historically underrepresented and underserved groups.
- eCYBERMISSION: a national web-based, STEM research program for middle school students.
- Junior Science and Humanities Symposium (JSHS): national high school research competition.
- Junior Solar Sprint (JSS): offers resources to empower teachers and mentors to engage 4th-8th grade youth in designing, building, and racing model solar cars.
- STEM Teacher Programs Initiative (STPI): professional development workshops for K-12 teachers that provide integrated content and best practices for teaching STEM in public schools.

The YSCOA grant term will end 30 September 2016 and is dependent on continued funding from the U.S. Army. Appointments are made on a yearly basis and are dependent on satisfactory reviews and availability of funding. Travel is required.

Postdoctoral Associate

Posting Number: 0121975

Position Responsibilities:

A new postdoctoral position is available immediately at Virginia Polytechnic Institute and State University (Virginia Tech) in Blacksburg, Department of Human Nutrition. The incumbent's primary responsibility will be to conduct a newly NIH-funded five-year research project focused on identifying and characterizing botanical compounds in the prevention and treatment of diabetes and elucidating the mechanisms underlying these biological effects. The postdoctoral associate is also expected to participate in advising graduate students, writing grant proposal, presenting results of research at professional conferences and writing and publishing research papers in peer-reviewed journals.

Apply Online: http://jobs.vt.edu
### Postdoctoral Associate - E. coli Molecular Biologist

**Posting Number:** 0121899  
**Department Review Date:** 07-17-2012

**Position Responsibilities:**
The Department of Physics jointly with the Department of Biology at Virginia Tech seeks a Postdoctoral Associate in E. coli molecular biology. This position focuses on research in the areas of synthetic and systems biology. The successful candidate will have completed her/his Ph.D. by June 2012 and has a strong technical background in gene regulatory networks and molecular biology techniques. Salary will be competitive and commensurate with experience.

### Genetical Systems Biology Statistician

**Posting Number:** 0122048  
**Department Review Date:** 07-30-2012

**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 Statistical Genetics group in VBI, lead by Dr. Ina Hoeschele, performs both statistical methodology research and collaborative research with the Wake Forest Medical School, funded by NIH grants and subcontracts. The statistical methodology research focuses on multivariate statistical methods for genetical systems biology (in particular on latent variable methods for data integration, and penalized regression and Bayesian variable selection for univariate highly multivariate response variables), the collaborative research focuses on SNP and CNP (copy number polymorphism) based genome-wide association studies, and on integrative analyses of SNP, CNP, gene expression, DNA methylation and disease related phenotypes in major human cohorts.

The postdoctoral associate will be given the opportunity to apply state-of-the-art statistical methods to state-of-the-art human genomics data sets on important human diseases. The postdoctoral associate will also be responsible for contributing to the development, implementation and evaluation of multivariate statistical analysis methods for Genetical Systems Biology (involving Bayesian analysis and high-dimensional variable selection), as well as contributing to the statistical analysis of a large human Genetical Systems Biology study of atherosclerosis involving genome-wide DNA polymorphism (SNP, CNP) profiling, gene expression profiling, and DNA methylation profiling.
Employee Category: Special Research Faculty

Working Title
Postdoctoral Associate, Electrical & Computer Engineering

Position Responsibilities:
A Postdoctoral Associate position is available at VT MEMS Laboratory housed in the Bradley Department of Electrical and Computer Engineering and affiliated by the Mechanical Engineering Department and the Institute for Critical Technologies and Applied Sciences (ICTAS) at Virginia Tech. For more information about the VT MEMS Lab, please visit http://www.mems.ece.vt.edu.

The postdoctoral associate in this position will work in a federally-funded interdisciplinary research project to develop a smart micro gas chromatography system for environmental monitoring applications. The integrated system comprises various MEMS chips, miniature valves/pumps, and embedded electronics.

Responsibilities include:
- Plan and conduct research.
- Assist with grant applications.
- Coordinate activities with other members of the VT MEMS lab and with collaborators from other departments.
- Supervise students as needed.
- Pursue research goals with routine consultation but limited supervision.
- Assist in design, execution, and interpretation of research projects to gain practical experience in the field.
- Prepare professional presentations, reports, and publications.
- Engage in collaborative work with peers to achieve research objectives.
- Serve as a co-PI
- Pursue research goals with routine consultation, but limited supervision

Machine Vision Developer (Research Associate)- VTTI

Position Responsibilities:
Work as an independent member of a team to develop, debug and implement software for vehicle related applications. An emphasis for this position is on machine vision algorithms relating to: lane tracking, vehicle and object identification and classification, headway monitoring, face recognition, head and eye tracking. Evaluate current technologies and provide strategies for implementing relevant ones into existing and future products.

Duties and responsibilities:
Independently works developing innovative and creative solutions to complex engineering challenges with the goal of advancing the field of vehicle instrumentation with a specialization in machine vision. Will work to build unique software systems including, but not limited to, code development and integration, real-time video analysis, and hardware interfacing. Iteratively acts in concert with the research team and sponsor to define project goals and technical specifications; to create/refine project plans and milestones; and to integrate these goals, specifications, and timelines to achieve the overall objective. Duties include one or more of the following:
- Software design, development and deployment
- Prototype systems development
- Algorithm development
- Preparation of specifications, process of study, research investigations, and reports
- May supervise/mentor/train and coordinate the work of technicians, graduate research assistants and others who assist in specific assignments.

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

Monday, October 15, 2012
Postdoctoral Associate-Advance Research Institute (Arlington, VA)

**Position Responsibilities:**
Virginia Tech Advanced Research Institute (ARI) and the Bradley Department of Electrical and Computer Engineering invite applications for a postdoctoral associate. A postdoctoral associate position carries the expectation of a maximum of 4 years post degree. The applicant will mainly work on proposal writing, conducting research and assisting faculty and graduate students with research in the areas of electric power, alternate energy, smart grid and cyber-physical systems focused on energy domains. The successful candidate will support the director of ARI's Center for Energy and the Global Environment and help coordinate related research efforts at partner institutions, as well as supporting program development and identification of new research funding opportunities.

Research Scientist

**Position Responsibilities:**
A research scientist position is available in the laboratory of William Tyler at the Virginia Tech Carilion Research Institute in Roanoke, Virginia. The position responsibilities will include conducting non-invasive neuromodulation studies, such as transcranial magnetic stimulation (TMS) and transcranial direct current stimulation (tDCS) in human participants to examine the effects of these modulation modes on cognitive performance. The position responsibilities will also include conducting high-density EEG recordings and fMRI BOLD imaging on human participants undergoing various cognitive tasks. Experience with EEG and fMRI are mandatory. Other aspects of the position include playing a major role in ongoing studies examining the effects of peripherally administered ultrasound on somatosensory brain activity. The research scientists will be expected to not only help in the design of the above studies and preparation of IRB protocols, but will be expected to routinely conduct experiments, compile and analyze data, interpret results, and prepare manuscripts and grant applications based upon their observations. Funding is available for one year and thereafter the research scientist is expected to have secured independent sources of funding.

Visual Designer

**Position Responsibilities:**
The Virginia Bioinformatics Institute (VBI) at Virginia Tech is currently seeking a Visual Designer to join its CyberInfrastructure Division (CID) to be responsible for designing cutting edge user experiences for the division as well as for institutional development projects. The Visual Designer will work as part of a team of scientists, researchers, and software engineers to design, develop, and support bioinformatics analysis and visualization software tools and web applications. The Visual Designer will be expected to participate in developing websites that promote advanced scientific research through innovative data handling, analysis and visualization methods, as well as institute-wide applications promoting communication and collaboration, both employing intuitive easy to use interfaces (paticrbrc.org, pathogenportal.org, vbi.vt.edu).

In accordance with the university hiring practices for non-student positions, this position will require a conviction check prior to beginning an employment engagement.

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

Research Associate, (Engineer I/II, EE, ECE, ME)-VTI

Posting Number: 0122158

Department Review Date: 08-26-2012

Position Responsibilities:
The Virginia Tech Transportation Institute (VTTI) seeks qualified ambitious engineers with aptitude for solving complex problems through application of advanced research and development techniques. Ideal candidate is an experienced engineer capable of working independently and with multidisciplinary teams to improve transportation safety through cutting-edge research.

Research projects range from small test-track experiments using a single next-generation vehicle to large naturalistic studies involving thousands of vehicles on live roadways. The research often features data acquisition systems to unobtrusively collect various sensor elements with the aim of characterizing the roadway, vehicle, and driver performance. These measures are analyzed to address specific research questions that tend to focus on the characterization of existing transportation problems (e.g. crash causation) and/or the performance/development of advanced vehicle systems (e.g. autonomous crash avoidance technology). This position is expected to focus predominantly on research and development relating to connected vehicle systems, collision warning/avoidance systems, light vehicle safety, heavy vehicle safety, and motorcycle safety.

The successful applicant will perform work involving conventional engineering practices but may include a variety of complex features such as working with fluctuating requirements, cycles of field and/or office work, and complex data manipulation and analyses methods. Employee will contribute to research conceptualization, proposal development, research execution, resource acquisition, logistics, and documentation.

The applicant will be expected to be comfortable working with electrical and mechanical systems. Employee will apply advanced data acquisition tools and techniques to obtain robust research data to address critical transportation knowledge gaps. These data will be used by the engineer to perform data analysis and develop documentation based on direction provided by team members and the Primary Investigator. Experience with vehicle systems, signal processing, and data analysis tools is preferred. The applicant must be interested in improving transportation safety and be willing to work on multiple projects in a fast paced research environment.

Assignments include:
- Travel to research sites (requirement fluctuates but will generally be <15%)
- Research and assist in the composition of literature reviews,
- Review and critique reports and research plans
- Interface with engineers, designers, and testing lab personnel to process data from vehicle sensors
- Analyze data
- Write research reports
- Present research findings

Directions given and received:
Receive instructions on project objectives, feedback on proposed research plans, and project logistics from principal investigators and project managers. May supervise or coordinate the work of graduate research assistants, students, technicians, and others who assist in specific assignments.

Apply Online: http://jobs.vt.edu
The Ted and Karyn Hume Center for National Security and Technology and the Bradley Department of Electrical and Computer Engineering at Virginia Tech are seeking applicants for the position of Portfolio Director to support a growing body of research programs in C4ISR, signals intelligence, cyber security, and big data.

The Portfolio Director leads the Program Management Office (PMO) for the Center, has oversight of project and program managers, and is a member of the Center's executive leadership team, working closely with both the Director and Director of Research. This is a new position and will have a major role in further defining and developing the PMO role within the Center.

Responsibilities of the Portfolio Director include oversight of overall program management; management of strategic programs; leading business development activities and development of new sponsor engagements; leading proposal teams for strategic, large, or cross-domain captures; driving the program management office processes and improvements; and supporting Center executive operations.

The core research areas of the Center are signals intelligence, cyber security, and big data. While the Portfolio Director is not expected to be an expert in all areas, a technical background with the ability to quickly become proficient in a diverse collection of topics within electrical engineering, computer engineering, and computer science is necessary. Given the nature of the work and need to obtain a security clearance, US citizenship is required. Candidates who are not US citizens will not be considered for the position.
The Ted and Karyn Hume Center for National Security and Technology and the Bradley Department of Electrical and Computer Engineering at Virginia Tech are seeking applicants for project managers (Project Associates) and program managers (Senior Project Associate) to support a growing body of research programs in C4ISR, signals intelligence, cyber security, and big data.

Project managers (Project Associate) oversee the day-to-day execution of programmatic, administrative, budgetary, and contractual aspects of sponsored research projects. Individuals manage projects from contract award to contract completion within a thrust of technical expertise. Responsibilities include preparing and submitting periodic program reporting, briefing program status to Center leadership, working with the Office of Sponsored Programs to support post-award contract functions, managing program personnel loading, managing risks, maintaining budgetary awareness of purchasing and travel associated with projects, and ensuring appropriate contract burn rates.

Program managers (Senior Project Associate) support a thematic group of projects related to a specific sponsor or community of sponsors, and oversee project management of projects within their thematic group. Individuals maintain awareness of sponsor interests to ensure current and future programs support their needs. Responsibilities include leading proposal teams for new funding, liaising with sponsors to ensure programs meet their expectation, supporting business development activities of the Center, mentoring project managers, handling execution of agreements including teaming agreements and nondisclosure agreements with sponsors, and maintaining overall awareness of all programs within their thematic group.

The core research areas of the Center are signals intelligence, cyber security, and big data. While the program and project managers are not expected to be an expert in all areas, a technical background with the ability to quickly become proficient in a diverse collection of topics within electrical engineering, computer engineering, and computer science is necessary. Project managers (Project Associate) need depth in their technology domain area, and program managers (Senior Project Associate) need breadth across all the technology domains relevant to the sponsors they support.

Offers of employment may require prior approval from the granting agency.
Postdoctoral Associate, Electrical & Computer Engineering

Position Responsibilities:
The Ted and Karyn Hume Center for National Security and Technology, and the Bradley Department of Electrical and Computer Engineering at Virginia Tech, are seeking applicants for postdoctoral associate positions to support a growing body of research programs in wireless communications. The successful applicant will have expertise in one or more of the following areas:

- Software/cognitive radio, and its application to dynamic spectrum access and spectrum sharing;
- Radar technologies, with an understanding of the impact radar has co-spectral communications systems, and vice versa;
- Advanced electronic warfare, to include jamming and counter-jamming strategies for next-generation communications technologies such as OFDM and MIMO; and
- Satellite communications, to include novel approaches to robust satellite communications links in a challenging electro-magnetic environment.
- Background in optimization theory, coding theory, and very strong in developing software simulations

Candidates should have research interests relevant to national security, and these positions report to the Director of Research for the Ted and Karyn Hume Center for National Security and Technology. Specific responsibilities include the following:

- Support university research programs by conducting basic and applied research, authoring technical documents and presentations, and publishing peer-reviewed papers;
- Develop new funded research programs by participating in proposal teams and supporting the business development activities of the Hume Center; and
- Supervise graduate students working on research programs.

Upward Bound/Talent Search Counselors

Position Responsibilities:
Upward Bound/Talent Search counselors report to the director of Upward Bound/Talent Search. Counselors are responsible for assisting in program implementation and for providing direct services to the students in his/her assigned caseload. Periodic and annual performance will be evaluated by the program director. Projects undertaken may require approval from the director. This position may help supervise/coordinate the work of support personnel.

General Duties:
1. Recruit and enroll eligible students according to assigned caseload.
2. Conduct a need's assessment on students in caseload.
3. Analyze results of need's assessment of assigned students and develop individualized academic plans for each participant.
4. Visit each student a minimum of eight times per year.
5. Assist/motivate students to complete high school and enroll in post-secondary education.
6. Obtain required eligibility verification and maintain student records in a timely manner.
7. Obtain information for and disseminate to participants.
8. Assist students in completing applications for college admission and financial aid.
9. Provide career information to participants.
10. Assist with planning/coordination of summer component and academic year activities.
11. Submit required reports in a timely fashion.
12. Be present at tutorials and other assigned activities.
13. Complete individual projects and any other duties which may be assigned.
14. Assist with the selection of program staff.
15. Complete any other duties necessary for program operation and continuation.

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

**Working Title**

Program Manager-Senior Project Associate  

**Posting Number** 0122263

**Position Responsibilities:**

This position will function as the Program Manager (Senior Project Associate) for the Cognition and Communication and National Security thrust research areas within ICTAS. The selected candidate will support the Associate Director for Research and Scholarship (AD Research) and work with the thrust leaders and other program managers in developing, facilitating, organizing, and expanding the scope of the thrust research. This is a leadership position in which the program manager is expected to motivate the disparate faculty members in the thrust to work together to achieve common goals. The program manager is responsible for the development, organization, and implementation of program objectives and goals associated with meeting the thrusts' long and short-range strategic plans (specifically with respect to increased external research funding and expenditures). This includes the responsibility for formulating, guiding, and facilitating the activities that define the technical approach. The program manager (Senior Project Associate) works closely with the thrust team members and is responsible for the establishment and implementation of an effective management plan for the thrusts and associated large-scale projects. This is an inherently entrepreneurial position. The program manager (Senior Project Associate) is expected to build teams (both internal and external to the university) and identify and develop future research opportunities. This requires an in-depth understanding of the thrusts' technical capabilities with respect to meeting funding agency needs and requirements, and the university capabilities required to conceptualize solutions to extant problems or technical challenges. In addition to managing the thrusts research effort, the program manager may, as an option, devote up to 20% of his or her time conducting independent research.

**Postdoctoral Associate (2), Electrical & Computer Engineering**  

**Posting Number** 0122254

**Position Responsibilities:**

Two postdoctoral associate positions are available in the Wireless @ VT research group within the Bradley Department of Electrical and Computer Engineering. The postdoctoral associates will work as part of a team and independently for a research project focusing on the development and application of cognitive radios.

Responsibilities to include:
- Supervise/train undergraduate or graduate students in the research group
- Assist in writing proposals
- 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
- Participate in wireless communication standardization efforts
- Conduct independent research and report this research in appropriate technical forums, including technical conferences and reference journals

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

<table>
<thead>
<tr>
<th>Working Title</th>
<th>Posting Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research Associate in Unmanned Systems</td>
<td>0122297</td>
</tr>
</tbody>
</table>

**Position Responsibilities:**

The Schmale Laboratory in the Department of Plant Pathology, Physiology, and Weed Science at Virginia Tech seeks a Research Associate to manage unmanned aerial systems research. This individual will construct, test, and operate remote-controlled aircraft (unmanned aerial vehicles or UAVs) to collect atmospheric samples; operate and maintain remote atmospheric volumetric sampling devices; culture microbes using sterile techniques; manage and update laboratory and field equipment; supervise and train undergraduate students; keep accurate and detailed records for scientific publications, grant proposals, and reports; and operate fleet vehicles for transport of UAVs to the field for sponsored research projects. Salary will be competitive and commensurate with experience. Review of applications will begin September 18, 2012.

### Project Associate (Data Analyst)- VTTI

**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. Excellent organizational skills and attention to detail. Excellent interpersonal and communication skills.

Apply Online: [http://jobs.vt.edu](http://jobs.vt.edu)
Applications are invited for a Postdoctoral Associate position in the Systems Software Research Group (http://www.ssrg.ece.vt.edu) within the Bradley Department of Electrical & Computer Engineering. The position involves developing scalable protocols and mechanisms for fault-tolerant distributed transactional memory (DTM) and their implementations as high-quality open source software systems, and experimentally characterizing performance on production applications. A complimentary objective of the project is to develop techniques that automatically refactor legacy distributed software systems with DTM for improved performance.

Responsibilities to include:
- Serve as a co-PI
- Pursue research goals with routine consultation, but limited supervision
- Supervise/train undergraduate or graduate students in laboratory
- 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

The individual in this position in Wireless@Virginia Tech, within the Bradley Department of Electrical and Computer Engineering, will work as part of a team to grow and manage Wireless@VT's industrial affiliates program and develop and manage large-scale externally sponsored research programs with faculty and students.

Responsibilities of the Project Associate position include:
- Assistance and management in writing proposals and other technical documents produced by Wireless@VT;
- Preparation of professional presentations, technical reports, and publications, especially those that represent the overall efforts of Wireless@VT.

Responsibilities specific to the ranks of Senior Project Associate and Project Director:
- Leadership and assistance for faculty and students in developing and managing large-scale sponsored research initiatives;
- Management of group's core support services and staff, as needed;
- Interaction with industrial affiliates, potential affiliates, sponsors, and potential sponsors to represent group technical achievements;
- Translation of industrial affiliate and potential sponsor needs into group core competencies and matching research personnel to research opportunities;
- Assistance with the design, management, and interpretation of research projects.

Specific rank will be based on qualifications. Please see http://www.ece.vt.edu/ for a description of the ECE Department and http://wireless.vt.edu/ for a description of Wireless@VT.
Employee Category: Special Research Faculty

Working Title
Research Associate (Engineer I/II, IE or Psychology)-VTTI

Posting Number
0122309

Department Review Date: 10-05-2012

Position Responsibilities:
The Virginia Tech Transportation Institute (VTTI) seeks qualified, ambitious human factors engineers or candidates with strong background in psychology and engineering to assess the impact of innovative transportation technologies on potential users. Ideal candidate is an experienced engineer capable of independently running transportation research projects and working with multidisciplinary teams to improve transportation safety through cutting-edge research.

Research projects range from small test-track experiments using a single next-generation vehicle to large naturalistic studies involving thousands of vehicles on live roadways. The research often features data acquisition systems to unobtrusively collect various sensor elements with the aim of characterizing the roadway, vehicle, and driver performance. These measures are analyzed to address specific research questions that tend to focus on the characterization of existing transportation problems (e.g. crash causation) and/or the performance/development of advanced vehicle systems (e.g. crash warning and autonomous crash avoidance technologies). Questionnaires, focus groups, and surveys may also be administered, providing valuable subjective data concerning drivers' perception of the technologies tested in these experiments. This position is expected to focus predominantly on research and development relating to connected vehicle systems, collision warning/avoidance systems, light vehicle safety, heavy vehicle safety, and motorcycle safety as it pertains to user interaction with these systems. VTTI provides opportunities for professional advancement and a pay for performance structure.

The successful applicant will perform work involving conventional human factors engineering practices but may include a variety of complex features such as working with fluctuating requirements, cycles of field and/or office work, and developing and implementing novel approaches to evaluating transformative transportation technologies. Employee will contribute to conceptualization of research and proposal development with principal investigators. With assistance, the successful applicant will manage the day-to-day operations of research projects including: reviews of relevant literature, research design, research execution, data analysis, documentation, and dissemination.

Experience with human factors research in transportation or related fields and expertise in statistical analyses is preferred. Proficiency with data collection and manipulation with working knowledge of analysis software packages is desired. The applicant must be interested in improving transportation safety and be willing to work on multiple projects in a fast paced research environment.

Duties and responsibilities:
Assignments include:
- Aid in the development of proposals
- Research and assist in the composition of literature reviews
- Conceptualize and write work plans, protocols, and procedures
- Review and critique reports and research plans
- Coordinate and collaborate with subcontractors and interface with stakeholders
- Manipulate and analyze data
- Interpret results and develop robust conclusions
- Write research reports
- Present research findings
- Travel to research sites (requirement fluctuates)

Directions given and received:
Receive instructions on project objectives, feedback on proposed research plans, and project logistics from principal investigators and project managers. May supervise or coordinate the work of graduate research assistants, students, technicians, and others who assist in specific assignments. Must be able to work effectively independently as well as within multidisciplinary project teams as appropriate.

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

Monday, October 15, 2012
Page 16 of 23
Employee Category: Special Research Faculty

Working Title: Postdoctoral Associate - VTC Research Institute

Posting Number: 0122336

Department Review Date: 10-01-2012

Position Responsibilities:
A Postdoctoral Associate position is available in the lab of Dr. Greg Valdez at the Virginia Tech Carilion Research Institute. This position will seek to uncover molecular mechanisms that function to protect the motor system, in particular the neuromuscular junction, during normal aging and the progression of diseases including amyotrophic lateral sclerosis (ALS), Spinal Muscular Atrophy (SMA) and Duchenne muscular dystrophy. We are located in picturesque Roanoke, Virginia. In addition to the affordable and high quality of life, this position provides a highly competitive salary and full benefits.

Postdoctoral Associate, Riparian Forest Restoration and Ecosystem Services

Posting Number: 0122347

Department Review Date: 10-15-2012

Position Responsibilities:
The Virginia Tech Department of Forest Resources and Environmental Conservation is seeking a full-time Postdoctoral Associate to coordinate the measurement of riparian forest ecosystem services, specifically carbon sequestration, in Tierra del Fuego (Argentina and Chile). "Ecology, Culture & Outcomes - Linking Human Perceptions & Socio-ecological Thresholds for Ecosystem Restoration" (ECO-Link) is an NSF-funded project in the Coupled Nature-Human Systems Program that brings together U.S. researchers with Argentine and Chilean colleagues from academic, NGO, and governmental institutions to determine whether a current lack of participation in ecosystem management initiatives by landowners is influenced by a broken incentive structure that does not account for feedbacks between underlying social perceptions and ecosystem service delivery. Studying efforts to control invasive beavers and subsequently reforest riparian zones on Tierra del Fuego Island, we hypothesize that the thresholds that separate inaction from action in conservation can be overcome by explicitly integrating social and ecological understanding into the design of effective incentives.

The selected candidate will conduct ecological research and be an active collaborator with the PIs, assisting with general supervision and coordination of the project. The position will be based primarily in Ushuaia, Argentina, with visits to Blacksburg, Virginia; Buenos Aires, Argentina; and Concepción, Chile.

Research Associate in Packaging Science

Posting Number: 0122188

Department Review Date: 10-08-2012

Position Responsibilities:
The Center for Packaging and Unit Load Design is looking for a person with strong leadership skills and technical knowledge on package and pallet evaluation techniques. The individual will be responsible for
* evaluating packages and unit loads based on ISTA, ASTM, TAPPI, and ISO standards
* developing custom testing methods,
* setting up and supervising standardized tests,
* summarizing data and writing final reports,
* presenting research and testing information in scientific conferences,
* representing the center in trade shows and expos,
* ensuring that testing is completed in a timely manner,
* troubleshooting and investigating production problems,
* assisting in developing and implementing policies and procedures that ensure, effective completion of area functions,
* assigning, training, and directing personnel
* Maintaining laboratory accreditations

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

Monday, October 15, 2012 Page 17 of 23
Employee Category: Special Research Faculty

<table>
<thead>
<tr>
<th>Working Title</th>
<th>Posting Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research Associate</td>
<td>0122359</td>
</tr>
</tbody>
</table>

**Position Responsibilities:**

The person hired for this part-time (75%) position will carry out varied sponsored research tasks in mined land reclamation, dredge spoil management and wetland studies. Principal duties will include installing, conducting and supervising laboratory, greenhouse and field experiments for sponsored research programs, analyzing data, and preparing research reports and subsequent journal articles. The incumbent will also be expected to work with other researchers on related research projects at multiple institutions in several surrounding states. Will work in concert with program Principal Investigators to coordinate and supervise undergraduate and graduate students working on various related projects. The Research Associate in this position is supervised and evaluated annually by the Principal Investigator(s) in the Department of Crop and Soil Environmental Sciences (CSES) and will be responsible to the Department Head of CSES.

**Data Center Engineer (Research Associate)-VTTI**

**Position Responsibilities:**

This position is a member of the VTTI system administration team with targeted responsibility for VTTI's expanding High Performance Computing infrastructure. The successful candidate will have the ability and experience to perform as a technical lead for the team, especially on the Linux side of the house, and will guide the efforts of other team members in support of the VTTI's HPC data center.

Duties and responsibilities:

VTTI's IT environment is a mixed Microsoft Windows/Linux/Mac 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. The data center engineer will also have primary responsibility for establishing security practices, ensuring compliance with best practices and potentially federal government specifications such as NIST/FISMA, etc.

Directions given and received:

This position reports to the Chief Information Officer and may expand into a supervisory role for a candidate wishing to pursue that track.

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

Working Title

Project Associate - Center for Truck and Bus Safety, VTTI

Posting Number

0122387

**Position Responsibilities:**

The successful candidate will be responsible for managing the Center for Truck and Bus Safety Research (CTBS) projects at VTTI working closely with several key personnel such as Director of CTBS team, as well as with the domain experts to assist in coordinating all activities of the CTBS projects. Will establish project timelines and oversee project details to ensure timely completion within established deadlines and budget. This position will hold the special research faculty rank of Project Associate.

Duties and responsibilities include: Manage project budget and timelines to ensure work can be completed without cost overruns or unwarranted delays. Work with center faculty and staff to standardize project documentation procedures and archive procedures. Participate in working groups as appropriate. Track general status of the projects for CTBS. Track and coordinate staff trainings. Work with center research staff and VTTI administrative team to ensure the goals of both are met. Complete other assignments as directed by Center Director. Interface with human subjects, including screening, scheduling and debriefing. Coordinate and track the purchase and use of center equipment. Contributes to proposal and report development. Responsible for day to day project management of the Center for Truck and Bus Safety Research (CTBS). Assist with the development of research protocols. Creative, independent, and highly motivated, with good communication skills. Strong work habits and the ability to work independently as well as with a team.

**Position Responsibilities:**

A Postdoctoral Associate for neurophysiologist is available in the laboratory of Alexei Morozov to study synaptic and network properties of neuronal circuits underlying emotions. We cover the amygdala-prefrontal cortex interactions and investigate how aversive experiences, such as social stress, alter the circuits, particularly GABAergic transmission from genetically identifiable subclasses of interneurons and its regulation by dopamine. The candidate will use optogenetics combined with whole cell recording and multi-neuron calcium imaging of neuronal activity in slice, and also behavioral paradigms for evaluating emotional traits in rodents.

**Postdoctoral Associate - Biologist**

Department Review Date: 10-12-2012

Position Responsibilities:

Established in July 2000 at Virginia Tech, the Virginia Bioinformatics Institute (VBI) is a world-class research institute dedicated to the study of the biological sciences. By using bioinformatics, which combines transdisciplinary approaches to information technology and biology, researchers at VBI interpret and apply vast amounts of biological data generated from basic research to some of today's key challenges in the biomedical, environmental and agricultural sciences. Work at VBI involves collaboration in diverse disciplines such as mathematics, computer science, biology, plant pathology, biochemistry, systems biology, statistics, economics and synthetic biology. Transdisciplinary research at the institute encompasses scientific program areas that include bioinformatics, cellular networks, complex systems and genomes. The institute develops genomic, proteomic and bioinformatic tools that can be applied to the study of infectious diseases as well as the discovery of new vaccine, drug and diagnostic targets.

VBI is seeking a Postdoctoral Associate to serve as a member of the Xie Laboratory in the Medical Informatics and Systems (MIS) division in VBI at Virginia Tech. The Postdoctoral Associate will work with a team of scientists and researchers on the epigenetic control of state transitions in populations of stem cells. In addition, the Postdoctoral Associate will coordinate with the Principal Investigator (PI) on various laboratory activities (i.e. experimentation scheduling, development of protocols, training, etc.) in support of the research program. The Postdoctoral Associate will be expected to work collaboratively and participate in the development of publications for peer-reviewed journals, as well as on grant proposals to funding agencies and other entities. VBI's mission is to solve society's most important problems in the life sciences through transdisciplinary research and education.

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

Monday, October 15, 2012
Employee Category: Special Research Faculty

Software Developer

Posting Number: 0122375

Working Title: Software Developer

Department Review Date: 10-12-2012

Position Responsibilities:
Established in July 2000 at Virginia Tech, the Virginia Bioinformatics Institute (VBI) is a world-class research institute dedicated to the study of the biological sciences. By using bioinformatics, which combines transdisciplinary approaches to information technology and biology, researchers at VBI interpret and apply vast amounts of biological data generated from basic research to some of today's key challenges in the biomedical, environmental and agricultural sciences. Work at VBI involves collaboration in diverse disciplines such as mathematics, computer science, biology, plant pathology, biochemistry, systems biology, statistics, economics and synthetic biology. Transdisciplinary research at the institute encompasses scientific program areas that include bioinformatics, cellular networks, complex systems and genomes. The institute develops genomic, proteomic and bioinformatic tools that can be applied to the study of infectious diseases as well as the discovery of new vaccine, drug and diagnostic targets.

VBI is seeking a Software Developer to collaborate with a team of researchers and scientists. The Software Developer will contribute to a software design project, which has as its goal the development of algorithms and software for a web tool to model molecular networks related to host-pathogen interactions in plant biology. Responsibilities include software and algorithm development, in collaboration with biologists and mathematicians. The software developer will take the lead in the design of the software architecture and choice of programming languages, and will translate user input into software capabilities. The individual is expected to contribute to dissemination efforts, such as publications in peer-reviewed journals or presentations at scientific meetings.

Senior Research Associate, Soybean Breeding Lead

Posting Number: 0122388

Working Title: Senior Research Associate, Soybean Breeding Lead

Department Review Date: 12-01-2012

Position Responsibilities:
The Department of Crop and Soil Environmental Sciences at Virginia Tech seeks qualified applicants for a 12-month non-tenure-track research (100%) faculty position. The candidate will build upon a successful soybean breeding program, utilizing adapted and introduced germplasm, and is expected to lead research and development focused on producing commercial cultivars adapted to Virginia and the mid-Atlantic region, for both conventional and food-grade markets. These cultivars may contain various specialty traits. The soybean breeding program should be supported by extramural funding and royalties resulting from cultivar releases. The individual will be expected to collaborate with discipline-related faculty and appropriate soybean and seed industry groups. Education and public outreach are considered to be integral to a thriving soybean breeding program at Virginia Tech.

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

Monday, October 15, 2012

Page 20 of 23
Postdoctoral Associate, Remote Sensing-Lidar Applications in Forestry

Position Responsibilities:
A full-time Postdoctoral Associate position in remote sensing with an emphasis on lidar applications in forestry is available in the Department of Forest Resources and Environmental Conservation at Virginia Tech. The position is funded by the Forest Productivity Cooperative.

The successful candidate will be actively involved in the ongoing research program at Virginia Tech that is developing remote sensing applications in forestry. The major focus of this position will be the applications of airborne lidar to determine stand and individual tree parameters, including leaf area and understory competition in pine and eucalyptus plantations in the southern United States and in Latin America.

Employee will:
--Develop and conduct research on the use of airborne lidar to determine leaf area and other stand parameters in pine and eucalyptus plantations in the South and in Latin America
--Conduct field work as required to develop and validate lidar applications
--Present research results at professional meetings
--Prepare written technical reports and journal articles summarizing research results
--Participate in technology transfer activities with client groups in the southern United States and other parts of the world as appropriate
--Assist with administrative and clerical aspects of the Forest Productivity Cooperative research program, including financial management of the projects assigned
--Assist with other duties as assigned by supervisor

Field work will require periodic travel throughout the southern United States and South America.

The Forest Productivity Cooperative (FPC) is a partnership among Virginia Tech, North Carolina State University, the University of Concepcion in Chile, and forest industry in the United States and South America. The FPC works with its members to increase the productivity, profitability, and sustainability of pine and eucalyptus plantations in the southern United States and throughout Latin America. The FPC is one of the largest research programs in the world focused on intensive plantation silviculture. The goal of the Forest Productivity Cooperative is to develop innovative forest management practices that enhance forest productivity and value through the sustainable management of site resources. Additional information on the Forest Productivity Cooperative is available at: www.forestproductivitycoop.org

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

Working Title
Research Associate/Senior Research Associate; Electrical & Computer Eng

Posting Number 0122446

Department Review Date: 10-31-2012

Position Responsibilities:
The research associate (or senior research associate) in this position in the Wireless @ Virginia Tech research group will work as part of a team and independently on research projects focused on the development and applications of software defined radios and cognitive radios.

Duties and responsibilities for a Research Associate include:
- 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 supervisor and report this research in appropriate technical forums, including technical conferences and reference journals
- Assist supervisor in writing research monographs
- Participate in wireless communication standardization efforts

Duties and responsibilities for a Senior Research Associate including the above:
- Supervise/train undergraduate and graduate students in the research group
- Assist in writing research/educational proposals for funding

Assistant Director for Upward Bound 0122441

Department Review Date: 10-29-2012

Position Responsibilities:
The Upward Bound Assistant Director reports to the Director of Upward Bound/Talent Search at Virginia Tech and is responsible for supervising the implementation of conditions outlined in the Upward Bound federal grant, assessing the personal and educational needs of the program participants, assisting with program implementation and providing direct services to students.

General Program Duties are:
- Supervise the planning and coordination, implementation, and evaluation of educational, career, social, and cultural programs for students and parents.
- Plan, supervise, and evaluate the residential component of the summer component.
- Assist with design and implementation of program budget.
- In consultation with the program director, responsible for day-to-day fiscal transactions.
- Coordinate program specific staff meetings.
- Coordinate the parent advisory board.
- Supervise the maintenance of participant records.
- Assist with coordination of tracking of former participants.
- Assist with preparation of annual performance report for the U.S. Department of Education, as well as other periodically requested reports.
- Assist with the selection, training, and evaluation of program staff.
- Assist with tutorials and other assigned activities.

This position will require occasional weekend work and requires travel in a 10-county area of Southwest Virginia.

Apply Online: http://jobs.vt.edu
<table>
<thead>
<tr>
<th>Employee Category:</th>
<th>Special Research Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working Title</td>
<td></td>
</tr>
<tr>
<td>Posting Number</td>
<td></td>
</tr>
</tbody>
</table>

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