



## Meet the CITE Personnel:

### Dr. Michael Robinson

*We would like to provide you the opportunity to become more familiar with the faculty in the College of Information Technology and Engineering, and so occasionally we will provide personnel profiles to you. In this issue Dr. Michael Robinson is profiled in his own words.*

Greetings. My name is Michael Robinson and I am a new faculty member in the Engineering Division, starting at Marshall in July 1999. I am in the Environmental Engineering program but also teach courses in Environmental Science and just about any other subject I may be interested in at the moment and can talk my way into teaching. As you may have guessed I am an environmental engineer. Actually, I have a B.S. in Chemical Engineering, a M.S. in Environmental Engineering, and a Ph.D. in Civil Engineering.

You may be wondering how I came to be at Marshall. I grew up in Weirton, WV and attended West Virginia Tech, now WVUIT. Graduating with a B.S. in Chemical Engineering, I ventured south to LaGrange, Georgia to work for Milliken and Company. Three months into a career in the textile industry I migrated north to Dahlgren, Virginia and began work at the Naval Surface Warfare Center.

At the Warfare Center I worked

on an odd assortment of research projects including investigations into laser production methods for missile warheads, solvent recovery systems for solvents contaminated with torpedo-fuel, and used-oil incineration / combustion practices. An exceptionally significant event while at Dahlgren was my marriage to Ruby. After three years at Dahlgren we were ready to pursue more significant challenges.

We quit our jobs, moved to Blacksburg and I enrolled in the Environmental Engineering program at Virginia Tech. It was not long before we fell in love with Blacksburg, Virginia Tech and the university lifestyle. I so enjoyed Virginia Tech that after completing my Masters degree I reenlisted for a few more years in the Doctoral program. My doctoral dissertation involved the development of a ground water model to investigate the movement of ground water into the Chesapeake Bay. The research involved both computer modeling and extensive field work on the shores of the Chesapeake Bay. Unfortunately, as they say all good things must end and I graduated with my Ph.D. and left Blacksburg.

Fortunately, we were able to move to the Tidewater region of Virginia and stay close to the Chesapeake Bay. We lived in Williamsburg, Virginia for several years as I worked as a consulting professional engineer and later for the Office of Ground Water Management in the Virginia Department of Environmental Quality (DEQ). At



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DEQ I was responsible for modeling ground water withdrawals from the Virginia Coastal Plain ground water system. This involved a little bit of everything – database development, GIS, computer programming, field work, and model development. The job was a lot of fun but the lure of a faculty position was too great. It was from the DEQ that we made the move to Marshall University and Huntington.

My teaching and research interests are very broad but tend to center around ground water and environmental modeling. Actually, the best thing about being an engineering professor is that it allows me to intellectually tinker. Most people must tinker on their free time; I can tinker at work and get paid for it. Not a bad job if you can find it. Anyway, I am currently teaching a course on ground water and in the Fall will be teaching a new course on surface water quality modeling. I am having lots of fun in the ground water course and am sure the surface water quality modeling course also will be enjoyable for both myself and the students. I have several small research projects

## Opportunities for CITE Graduate Assistantships

To be eligible to apply for CITE Graduate Assistantships (Fee Waiver and Stipend) on the Huntington Campus, or for a Fee Waiver (with associated obligations on the part of the student) in South Charleston, students must be fully or provisionally admitted to the masters degree program in which they are enrolled. Temporarily admitted students are not eligible for CITE Assistantships or Fee Waivers.

To apply please submit a resume which includes the following information:

- \$ Undergraduate degree
- \$ Degree program in which student is admitted
- \$ Previous related work experience
- \$ Applicable skills (e.g., programming languages, computer applications, GIS, etc.)
- \$ Full contact information including current email address

There are a limited number of assistantships available in Huntington and South Charleston, so please apply early if you are interested. Selection criteria include but are not limited to GPA, GRE/GMAT/ MAT scores, and student's current knowledge and skills. Applications should be submitted to:

### Huntington

Asst. Dean Elizabeth E. Hanrahan  
112 Gullickson Hall  
18<sup>th</sup> Street and Third Ave  
Huntington, WV 25755-2586  
email: hanrahan@marshall.edu

### South Charleston

Assoc. Dean Betsy Ennis Dulin  
325 Administration Building  
100 Angus E. Peyton Drive  
South Charleston, WV 25303-1600  
email: bdulin@marshall.edu

## Application Deadline For July and August 2001 Graduation

The summer graduation Application Deadline for undergraduate and graduate students:

**Application due Friday, June 8, for July 6 graduation**

**Application due Friday, July 13 for August 10 graduation**

### Undergraduate

To apply for graduation you must pay the \$30.00 graduation fee and bring the receipt to the CITE Dean's Office (112 GH) no later than date specified above.

### Graduate

To apply for graduation you need to go to your home campus and complete all needed paperwork no later than date specified above. (Huntington - you must pay the \$30.00 graduation fee at the Bursar's payment window and bring the receipt to your Graduate Dean's Office, 113 Old Main to complete an application for graduation; South Charleston - pay the \$30.00 registration fee at the First Floor of the Administration Building, and complete an application for graduation)

## Faculty Profile; Continued from front page

that are quite interesting. One project involves modeling the ground water system in coastal sand dunes while another project involves studying the wetland characteristics of a pre-construction wetland mitigation site. I encourage you to visit my website at <http://webpages.marshall.edu/~robinsonm> to learn more about my teaching and research interests.

Outside the university my favorite activity is spending time with Ruby. Some of our favorite things to do are hiking, especially in and around wetlands, exploring, gardening, playing board games, and fishing. To be honest, I enjoy the fishing Ruby enjoys her naps in the sunshine. I am a big Pittsburgh sports fan and am looking forward to going to see the Pirates play at

PNC Park in Pittsburgh this summer. Ruby and I are members of the 26<sup>th</sup> Street Church of Christ where we enjoy working with the youth. We recently purchased a home in Catlettsburg, Kentucky. Besides Ruby and myself, our home includes three cats – Maxwell, Brambles, and Satchel. This winter I developed a master landscaping plan for the yard and now anxiously await warm weather to begin construction.

If you would like to chat about anything please feel free to stop by my office in 205C Gullickson Hall on the Huntington campus or drop me an e-mail at [robinsonm@marshall.edu](mailto:robinsonm@marshall.edu).



# Summer Course Offerings

**EM 660 -Project Management** is being offered this summer during Session B Term 2 (5/14-6/25) due to popular demand. The course provides the student with a practical knowledge of how to integrate effectively the functional efforts of many in the execution of programs and projects. Emphasis is placed on working with people, setting good project objectives, and making effective plans. The course is being taught in South Charleston on Mondays and Wednesdays from 5:30-8:30 pm by Dr. Eldon Larsen, Associate Professor of Engineering. Dr. Larsen can be reached at 304/746-2047, email: larsene@marshall.edu.

**IS 650 - Special Topics: Object Oriented Analysis and Design** The course is intended to provide the student with an introduction into the object-orientated analysis and design procedures. The course will look at several common methods of implementing object-orientated design and analysis. The object approach will be compared and contrasted with the traditional SDLC dataflow method of analysis and design. In addition, the course will look at object-orientated programming languages and view how object-orientated design is developed and implemented using these languages.

This course is intended for any student wishing to become familiar with object-orientated procedures, methods, languages and terminology. It is recommended that the student have a knowledge of some object orientated programming language or at least a strong background in some structured programming language. In addition, it would be helpful if

the student is familiar with the standard SDLC analysis and design techniques since comparisons will be drawn between the two approaches. The course will be offered during Session B Term 3 (6/27-8/8) on Mondays and Wednesdays, from 6:30-9:30 pm. The course has a pre-requisite of permission, and is being taught by Asst. Prof. John Biros and he can be reached at 746-1941; email: jbiros@marshall.edu.

**IS 680 - Social Issues in Information Systems** will look at the many ways developments in information technology are affecting our lives. We will pay particular attention to ethical questions in this context, but we will also look at how IT affects us in the workplace, at home, and how we play. WebCT will be used significantly for class interaction. Dr. Tom Hankins, IS Program Coordinator, is the instructor, and the course is offered during Session B Term 2 (5/14-6/25) on Mondays and Wednesdays from 6:30-9:30 pm. He can be reached at 746-2044; email: thankins@marshall.edu

**IS 500 & 510 - Computer Systems and Structured Programming I and II** courses will provide introductory and advanced topics using Visual Basic. IS 500 is open to anyone with an undergraduate degree and is being offered in South Charleston during Session B Term 2 (5/14-6/25) on Tuesdays and Thursdays from 6:30-9:30 pm.

IS 510 has IS 500 as a Prerequisite and is offered Tuesdays and Thursdays in Huntington during Session B Term 3 (6/27 - 8/8). Please contact your advisor if more information is needed about these two courses.



**IS 625 - Software Engineering** covers the process of developing complex software products. Includes the software life cycle, methods, and tools for life cycle phases. The concepts, methods, and tools learned from the course will be applied in a class project. Course prerequisite is IS 500 or equivalent. The course will be taught by Dr. Herbert Tesser, and is offered in Huntington Session B Term 3 (6/27 - 8/8) on Tuesdays and Thursdays from 6:30-9:30 pm. Dr. Tesser can be reached at 304/696-2696; email: tesser@marshall.edu

**IS 645 - Geographic Information Systems** covers the elements of GIS hardware, software, data and infrastructure needs. Input data issues; data types; sources, error, preprocessing, manipulation and analysis. The course is being offered in South Charleston during Session B Term 2 (May 14 - June 25) on Tuesdays and Thursdays from 6:30-9:30 pm.

This course can also be used as an elective in the Environmental Science and Environmental Engineering degree programs, but please consult your advisor prior to registering. The instructor, Mr. James Wolfe, may be contacted at 304/696-6042; email: jawolfe@marshall.edu.

**TM 650 SpTp: Human Resources in Technical Organizations** presents issues, theories, and procedures associated with human resources in technical organizations. Course is being offered Mondays and Wednesdays during Session B Term 2 (May 14-June 25) in Huntington and South Charleston through the videolink. Please contact Dr. Bernie Gillespie 304/696-6007, email: gillespb@marshall.edu, or Elizabeth Hanrahan 304/696-5455, email hanrahan@marshall.edu for more information.

## Summer Course Offerings continued

**ES 661 - Environmental Regulations** is the practical application and concentrated study of regulations under all major federal environmental programs, including permitting, reporting, and other compliance issues. Discussion of procedures used in development of regulations will also be included. The course will be offered during Session B Term 3 (6/27-8/8) on Tuesdays and Thursdays, from 6:30-9:30 pm in South Charleston. The course has a prerequisite of ES 660. Please contact Division Chair Tony Szwilski at 696-5457; email: szwilski@marsahll.edu for more information.

**SED 606- Field Experience for the Safety Professional**  
Over the course of the term, this class will visit a variety of different companies; like BASF, or ACF or AK Steel or a power plant. During the visit, students will gain first hand knowledge concerning various manufacturing processes, machinery and techniques of manufacturing and safety problems and issues facing the plants employees and how the

company complies with OSHA. The course is being offered from 5:00-8:00 pm on Tuesdays and Thursdays during Session B Term 2 (5/14-6/25) and is being taught by Dr. Allen Stern, who can be reached at 696-3069; email:stern@marshall.edu

### **SED 490 & SED 650 Internship**

It is never too early to start thinking about your internship. Where do I want to go to work or in what manufacturing organization do I wish to work? The Safety Technology Program receives calls from many local and out of the area companies seeking interns to work for the Summer, or a semester or even longer. We have openings at Delta Airlines in Atlanta, Georgia. Or perhaps Flexis in Charleston, WV? Or maybe Delphi Automotive in Dayton Ohio? Or Marathon Ashland Petroleum? See what we have available.

Remember, your internship is the stepping stone for the student which if performed well, may lead to a permanent position with that company. Please contact Dr. Allen Stern, at 696-3069; email: stern@marshall.edu for

permission to register for SED 490 or 650.

### **SED 630-Current Literature and Research in Occupational Safety and Health**

is an analysis and study of selected research articles concerning significant topics in the field of occupational safety and health. The focus of this course is to develop skills in researching and obtaining appropriate information about safety and health issues of concern. Students will be able to gather and validate information, and identify the most critical aspects of safety and health information to make improved decisions. Also, the students will be required to develop a basic understanding of OSHA's General Industry Standards (29 CFR 1910). This course is open to safety and non-safety majors. This course is being taught by Dr. Kumar Kittusamy in Huntington on Mondays, Wednesdays, and Fridays, from 5:00 - 8:00 pm in Session A (5/7 - 6/1). He can be reached at 696-3071; email: kittusam@marsahll.edu.

## Summer Registration - check the class dates carefully!

**Monday, 3/26** Advance registration is open to all currently enrolled students

**Monday 4/2** Advance Registration is open to all admitted/re-admitted students

Consult the schedule below for registration deadlines, which will vary depending upon the summer session(s) for which you register.

### **Session A(5/7-6/1):**

No invoices will be sent for registration after April 20

Payment is due no later than May 4

Late Registration May 7; payment due that day

### **Session B Term 2 (5/14-6/25):**

No invoices will be sent for registration after May 1

Payment is due no later than May 11

Late Registration May 14; payment due that day

### **Session B Term 3 (6/27-8/8):**

No invoices will be sent for registration after June 10

Payment is due no later than June 26

Late Registration June 27; payment due that day

### **Session C (6/4-8/10):**

No invoices will be sent for registration after May 17

Payment due no later than May 25

Late Registration June 4; payment due that day



## College of Information Technology and Engineering

CITE - Huntington Campus  
112 Gullickson Hall  
Marshall University  
Huntington, WV 25755-2586  
304/696-5453

CITE - South Charleston Campus  
325 Administration Building  
MU Graduate College  
100 Angus E. Peyton Drive  
South Charleston, WV 25303-1600  
1-800-642-9842, ext. 2041  
Or  
304/746-2041

We're on the web!  
[www.marshall.edu/cite](http://www.marshall.edu/cite)

Email: [cite@marshall.edu](mailto:cite@marshall.edu)

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U.S. Postage  
PAID  
Permit No. 206  
Huntington, WV

## Need a course?

If you are still in search of a specific course after reviewing the offerings enclosed, please contact your division chair or your advisor. We welcome your input.

## MILO Registration—Phone or Web

Students may register for classes in person, by touch-tone telephone, or on the World Wide Web (WWW). Please consult the printed schedule for deadlines.

CITE students who wish to register in person may do so at the Registration Office in Old Main B-1 in Huntington, or at the Admissions and Registration Office located on the first floor of the Administration Building in South Charleston.

Students can register by touch-tone telephone by calling 304/696 – MILO (6456) or 1-800-696-MILO. Students may also register on the World Wide Web at the following address: <http://www.marshall.edu/milo/>. The MILO registration system is usually available 24 hours a day Monday through Thursday and until 9:00 pm on Fridays. MILO registration is unavailable from 9:00 pm Friday until 1:00 pm Sunday. Please note that on the dates that registration is suspended, you will not be able to register by MILO or WWW.

The following identification is required to access the touch-tone telephone and WWW registration systems:

**Student Identification Number:** This is usually your Social Security Number, or a nine-digit identification number assigned by Marshall University.

**Personal Identification Number (PIN):** A six-digit number consisting of your date of birth (i.e., student born on March 23, 1973 would have PIN # 032373). For added security, students are encouraged to change their PIN number once they access their personal account.

You may also use MILO phone to pay tuition and fees by credit card. If you have any questions concerning tuition charges please contact the Office of the Bursar at 304/696-6620.

