



Calendar

Convocation

May 15, 2008,
Patriot Center
5:15 assemble in Patriot
Center Parking Lot
6:00 Ceremony Begins
Speaker:
Marc Willebeek-LeMair,
Ph.D.
CTO, 3Com Corporation

Convocation Lunch Faculty, Staff & Ph.D. graduates of the

Volgenau School only
May 15, 2008,
Dewberry Hall
2:30 – 3:00 refreshments
3:00 – 4:30 seated lunch
RSVP: itevents@gmu.edu

Commencement

Unlimited tickets!
May 17, 2008,
Patriot Center
9:00 assemble near
George Mason Statue—
North Plaza
10:00 Ceremony Begins
Tickets:
Required—
picked up at STII
Building, Room 100
Buffet Lunch:
Mason Hall Atrium,
following Ceremony
RSVP: ST2, Room 100
with guest names
Speaker:
Norman R. Augustine
Retired Chairman & CEO
of Lockheed Martin

10 Years of Awarding Excellence

The 2008 Volgenau School of Information Technology and Engineering's Annual Awards Gala

Hosted by SRA International, Inc.

As spring flowers begin to bloom across GMU's campuses, The Volgenau School prepares for its 10th annual Awards Gala on April 25th.

"This is an enormous event for us," explains Sarah Stafford, Associate Director of Corporate Relations. "The Gala allows us to publicly acknowledge and thank our corporate sponsors for their support. The event also allows us to applaud the outstanding academic achievements of our faculty, students, and alumni."

Stafford assures that "guests will enjoy a fabulous evening" filled with great food, live entertainment, professional networking, and a silent auction. "This event has been enjoyed by thousands over the last several years, and the 2008 Gala will be one not to be missed!"

We are pleased to announce this year's 2008 Award Gala Recipients:

Harry Foxwell, Ph.D.
2008 Outstanding Alumnus Award

Jenny L. Higgins
2008 Outstanding Undergraduate Award

Tiffany Starks
2008 Outstanding Undergraduate Award

Michael Sullivan
2008 Outstanding Undergraduate Award

Jesse Coleman
2008 Outstanding Undergraduate Award

Ioulia Rytikova, Ph.D.
2008 Outstanding
Teaching Award

Andrew G. Loerch, Ph.D.
2008 Outstanding
Teaching Award

Elizabeth L. White, Ph.D.
2008 Outstanding
Teaching Award

Frank Armour, Ph.D.
2008 Outstanding
Adjunct Faculty Award

Dimitris E. Ioannou, Ph.D.
2008 Outstanding
Research Faculty Award

Shujia Gong, Ph.D.
2008 Outstanding Graduate Award

Saket Kaushik, Ph.D.
2008 Outstanding Graduate Award

Gabriel Southern
2008 Outstanding Graduate Award

Angel A. Manzo
Departmental Staff Recognition Award

CEXEC Inc.
2008 Dean's Corporate Recognition Award

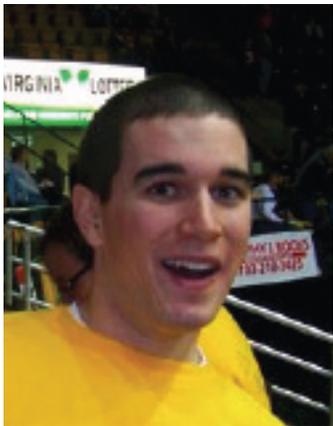


Scholarship Opportunities Help Students Shine

The Volgenau School of Information Technology & Engineering offers a variety of scholarships to assist both incoming undergraduates and graduate students. Scholarship winners come to The Volgenau School with outstanding credentials and an interest in technology and engineering. A complete list of scholarship opportunities can be found online at: http://ite.gmu.edu/about_ite/scholarships.

The school wishes to congratulate three of this year's scholarship recipients:

Freshman **John Guenther** is a Bersoff Undergraduate Distinguished Scholarship winner. He joins our community from Ramstein High School on Ramstein Airforce Base in Germany.



*John Guenther
Bersoff Undergraduate Distinguished
Scholarship*

Guenther is interested in civil engineering and is excited about the opportunities at The Volgenau School. "I love the school," he says. "I've made a lot of friends here and I like being close to Washington, D.C."

Although Guenther is still completing his required core classes, he's already looking ahead. "The school offers credit for internships," he says, including an internship with the

Civil Engineering Squadron at Ramstein, AFB.

Guenther will be spending his summer back in Germany but says that he's "really looking forward to becoming part of this growing community."



*Mariana Cruz
The William and Susan Eddy Soza
Scholarship*

This year's recipient of the William and Susan Eddy Soza scholarship is freshman **Mariana Cruz**. A native of Northern Virginia, Cruz is a graduate of Westfield High School who is interested in Civil Engineering. Although she had many schools to choose from, Cruz said Mason's scholarship offer tipped the scales. "It's great to be able to concentrate on my studies and not worry about money," she says.

Having competed in international science fairs in high school, Cruz is no stranger to scientific competition. Before coming to Mason, she completed an internship at the Fairfax Water Authority, and she is looking forward to gaining more real-world experience through future internships.

When she's not studying, Cruz is interested in the arts, specifically painting. She is also interested in soccer, and is considering trying out for the Mason team.

This year's IntelliDyne Distinguished Undergraduate Scholarship has been awarded to freshman **Eric Lucas**. Lucas hails from Ellicott City, Maryland and is a graduate of Centennial High School. He is currently planning on becoming a Computer Science major and is a member of Mason's Men's Volleyball Team, currently ranked 11th in the nation.



*Eric Lucas
IntelliDyne Distinguished
Undergraduate Scholarship*

"I am very excited to be at George Mason and I have felt extremely welcomed," Lucas reports. As a relative newcomer to The Volgenau School community, he has been particularly impressed with the small class sizes in the IT & E program and the faculty's accessibility, both of which make "for an ideal learning environment," says Lucas.

■ ■ ■
Congratulations to all of this
year's Volgenau School graduates.

Stay in touch with us!

Update your email and
contact information at:

www.gmu.edu/alumni

GENERAL DYNAMICS Advanced Information Systems

General Dynamics Advanced Information Systems (GDAIS) Succeeds with GMU

The General Dynamics Advanced Information Systems (GDAIS) business unit has built a strong alliance with the Volgenau School of Information Technology & Engineering. General Dynamics (GD) is a member of the The Volgenau School Corporate Partnership Program, constituting an investment in both GMU's and General Dynamics' futures.

GMU students selected for GDAIS internships generally major in one of four fields: Computer Science, Electrical Engineering, Computer Engineering, or Systems Engineering. These interns gain hands-on work experience and cutting-edge training in the Information Assurance (IA) and Information Systems Security (INFOSEC) arenas while working alongside some of the industry's leaders.

GDAIS Senior Engineering Manager Marc M. Kolenko looks for what he considers "to be a somewhat elusive blend of intelligence and skills combined with self-motivated inquisitiveness." Kolenko describes GMU interns as "extremely high caliber" demonstrating "a personal drive to pursue these same interests aggressively in their personal time to meet the challenges of ever-evolving new technologies—and of those committed to trying to defeat them."

GD Human Resources and hiring managers are continually seeking extraordinary talent to address IA's changing needs, and The Volgenau School has proven fertile recruiting ground: there are currently 87 GMU



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alumni working at GDAIS. Last summer's two GMU interns were both subsequently hired and Kolenko anticipates that high conversion rate to part-time and full-time positions to continue for Volgenau students.

GMU students are attractive to recruiters for many reasons, one of which is Mason's history with the National Security Agency (NSA). GMU's Center for Secure Information Systems (CSIS) was the first academic center in security established at a U.S. university. It is also a charter NSA Center of Academic Excellence in Information Assurance Education, a designation that benefits GDAIS as the company works extensively with the Department of Homeland Security.

Jennifer Prem, Principal Human Resources Specialist with GDAIS affirmed Mason's standing with her company. "We target a limited number of schools across the country to find the best students in this competitive marketplace," Prem notes. "GMU is a school of excellence where we can find the best and brightest to further our mission at General Dynamics to help strengthen our national security."

The Volgenau School Corporate Partnership Program and Alliance Opportunities

The Volgenau School of Information Technology & Engineering's Corporate Partnership Program offers corporations the opportunity to develop rewarding, long-term relationships with the school, its faculty, and its students.

A number of collaborative options have been developed to suit a wide range of companies' needs while supporting The Volgenau School community. In addition to traditional scholarships and endowments, these options include recruiting efforts, research contracts, and facility enhancements.

Program benefits include:

- Increased corporate visibility
- Exposure to the school's latest research
- Recruiting opportunities from the school's academically gifted population
- Networking events with the Dean
- Lectures and events
- Booth at Engineering Week

Each of the four membership levels—School Affiliate, Executive, Principal, and the premier Partner level—has its own benefits structure, with each advancing level bringing additional opportunities to both the corporate partner and the University.

To learn more about this win-win program and sponsorship rates, contact Jennifer Lamb, at (703) 993-1752 or e-mail jlamb@gmu.edu.



Fundraising for our Future Gala Fundraising & Sponsorship

The Volgenau School Awards Gala is an important fundraising event for the school. All proceeds help The Volgenau School continue to be a preeminent IT and engineering institution in the Washington metro area recognized for its cutting edge research and outstanding teaching.



Building Update

If you've visited the Fairfax campus recently, you'll be able to see first hand how quickly the new Volgenau School Academic VI Research II building is progressing.

Edgemoor Real Estate Services report the following: Structural steel topped out in February. This is major milestone in the project's development. In addition, concrete has been poured for the auditorium, stairs, framing, and sheathing of the perimeter walls.

As spring progresses, the building will progress with façade installation, sprinkler system installation, interior wall layout, and window framing.

Building Highlights:

- The first Leadership in Energy and Environmental Design (LEED™) certified building on campus
- Largest building on campus.
- Building will feature six state-of-the-art wetlabs

Watch the building grow online at: <http://ite.gmu.edu>.

THE VOLGENAU SCHOOL

2010 BUILDING CAMPAIGN FOR STUDENTS



We need your help to ensure the success of our 2010 Building Campaign. By contributing \$20.10 or more, you can help us achieve our fundraising goal of \$100,000 from our students toward the campaign. With your gift, you will receive a free t-shirt to show your commitment.



I HELPED BUILD OUR NEW DIGS "THE VOLGENAU SCHOOL"

To make your gift today, please visit:
Office of Development and Alumni Relations
Room 128, STII, or go to <http://volgenau.gmu.edu/2010>

Have retail money left on your Mason card?
You can contribute retail balances to the University at the end of the year.



Thank you for helping us achieve our goal.

SRA – GMU a Partnership of Success

As a research and education institute, The Volgenau School of Information Technology and Engineering strives to partner with private companies and public entities to provide programs that benefit its students and the community. GMU's



SRA has extended its reach directly into the school by offering internship programs and employment to GMU students.

long-standing partnership with SRA, Inc. is an exemplary example of how the school's research goals reach beyond our classroom walls.

This year as the Volgenau School prepares for a landmark event, our 10th annual Awards Gala, we are honored to have SRA serve as host patron once again for this event.

Mark Hein, an SRA spokesman says, "It is important to publicly recognize all of the tremendous hard work going on behind the scenes that has contributed to GMU's success. As a host patron, we are delighted to help illuminate and give voice to the many success of all those honored at the award ceremony."

And more than being a patron that stands and watches from the sidelines, SRA has extended its reach directly into the school by offering internship programs and employ-

ment to GMU students. SRA boasts 112 Mason alumni, a strong internship program that includes plans for up to 30 new internships this summer. SRA's internship program offers more than great experience. Hein says, "The model that we're currently building as part of our strategic college recruiting program is that we will only hire interns who we wish to convert to full-time hires. We hope to be able to extend offers to virtually all of our interns.

SRA has a solid reputation as a great place to work having made the Fortune 100 list of Best Companies to work for nine years in a row. This ranking along with strong local endorsements from the *Washington Post*, *Washington Technology*, *Federal Computer Week*, and the *Washingtonian* magazine speaks to how much the company values its employees. That value extends to our school, Hein says, "Our involvement in GMU helps ensure that students are more adequately prepared to compete in today's challenging business environment."

SRA Internships

SRA is looking for bright, motivated college students to join our competitive intern program. Our interns will be engaged in one of our exciting projects in one of the following areas:

- Business Intelligence
- Contingency and Disaster Planning
- Enterprise Architecture and Portfolio Management
- Enterprise Resource Planning
- Identity Management
- Information Assurance and Privacy Solutions
- Information Sharing and Knowledge Management
- Outsourcing, Managed Services and Infrastructure Modernization
- Service-Oriented Architecture
- Training, Modeling, and Simulation
- Wireless Integration

To qualify for our Intern Program you must meet the following requirements:

- A minimum of a 3.4 GPA is preferred
- A declared major
- 30 credit hours of coursework
- Must be eligible to receive a security clearance if needed

SRA's headquarters is in Fairfax, VA, and we have many other locations around the world. We will be coming to your campus soon, and we look forward to meeting with you!



For more great jobs and career opportunities at SRA, see page 6.

SRA is dedicated to solving complex problems of global significance for clients in national security, civil government, and global health. The company's mission and dedication to clients intersects with the Volgenau School's mission of research and education to benefit the community.

SRA Job Opportunities

Software Engineer:

Be part of a software team developing software solutions for enterprise environments. Typically, you will work with senior developers to implement functional requirements using various technologies such as J2EE, .NET, and SQL. You'll also be responsible for requirements analysis, software design, software implementation, and software design testing.

Requirements:

- A four year technical degree (Computer Science, Computer Engineering, etc.)
- Preferred GPA of 3.2
- Experience with or training in object oriented design and analysis is a strong plus.
- Demonstrated problem solving skills are critical
- Ability to work as part of a team is critical.
- Must have a desire to become a software engineer in a complex, object oriented development environment
- JAVA, C++ is are highly desirable
- Must be eligible to receive a security clearance

Analyst:

We are looking for motivated candidates who are able to work both independently as well as in a team environment. The analyst will be empowered to take an active role in supporting various clients. While the project assignments may vary, an SRA analyst is generally involved in assessing and improving our client's business. Some of the responsibilities include, analyzing data, providing technical expertise and interpreting results as well as gathering and documenting technical and functional user requirements and specifications.

Analysts are expected get complex things done fast, have a strong work ethic, and possess a solid analytical background (familiarity with Excel helps). Interested individuals should have extraordinary intellectual capability, maturity and judgment, as demonstrated by their academic achievements, professional experience and extracurricular responsibilities.

Your role will develop in accordance with your experience, maturity, and ambition. As you become an experienced professional, you will assume broader responsibilities, including management of client relationships, determining the appropriate analysis required to address a client concern, and providing "thought leadership" and creativity.

Requirements:

- Bachelors' degree required
- Preferred GPA of 3.2
- Ability to work creatively and analytically in a problem-solving environment
- Strong oral and written communication skills
- Experienced with Microsoft Office Suite required
- Ability to synthesize information clearly and succinctly
- Must be eligible to receive a security clearance

**** Candidates with current security clearances will be given high priority. Be sure to let one of our team members know if you hold or have held any type of security clearance.*

Geeks To Gazillionaires A Highly Rewarding Class

Innovation is certainly part of George Mason University and The Volgenau School. It's reflected in our students, our faculty, and even in our classes. A prime example is Geeks to Gazillionaires a real-world graduate class that is cross listed as an engineering and business course. The official title is "How to take an idea and develop it into a company," explains Skip West one of the courses designers and professors.



The winning team is awarded \$5K.
Over the past few years
several winners have gone on
to start their own businesses.

West, along with Suresh Shenoy and Sudhakar Shenoy, lead teams of students through the ins and outs of developing business ideas, business plans, and presenting those ideas to venture capitalists and angel funding groups. The winning team is awarded \$5K. Over the past few years several winners have gone on to start their own businesses.

Plans in the works this year include an idea for a high-tech gym, a computerized doctor's office, and a food and restaurant venture. Teams will be presenting their final projects on April 28th to a panel of academics and business experts.

For more information on this innovative class check out the course catalog for any of the following listings: IT 495, INFS 697, TCOM 592, MBA 799.

Get on Board, The Job Board

Looking for a new job opportunity? GMU Corporate Partners are looking for you!

General Dynamics

(Visit www.gd-ais.com/careers for additional details and current listings.)

Req. #18117—Engineer-Software (Fairfax, VA)

Req. #18084—Engineer-Electrical (Fairfax, VA)

Req. #18027—Information Assurance Engineer (Springfield, VA)

Req. #18087—Sr. Specialist-Finance (Fairfax, VA)

Req. #17763—Business Intelligence Reporting Analyst (Oakton, VA)

Northrop Grumman

(Visit <http://careers.northropgrumman.com/ExternalHorizonsWeb/getQuery.do> for additional details and current listings.)

Req. # 40620 - Computer Systems Security 3

Req. # 40493 - MCIOC Network Engineering 4

Req. # 40517 - Computer Systems Security 2

Req. # 40520 - Intelligence Analyst 4

Raytheon

(Visit <http://www.rayjobs.com/> for additional details and current listings.)

Software Engineer I – Springfield, VA

Computer Systems Technologist – Springfield, VA

Rotational Engineering Leadership Developmental Program

CACI

(Visit <http://www.caci.com/webapp/Apps/JobSurvey.aspx> for additional details and current listings.)

Navy Federal Credit Union

(Visit <http://www.navyfcu.org/about/careers.html?p=a2&n=tl> for additional details and current listings.)

Information Security Analyst

Lead Info Security Engineer

Noblis: <http://www.noblis.org/AvailablePositions.htm>

Entry-level Lotus Notes developer

ENSCO: <http://www.ensco.com/careers.htm>

Accenture: <http://www.accenturetechnologiesolutions.com>

Entry Level Associate Software Engineers.

ManTech: <http://www.mantech.com/careers/>

Aerospace: <http://www.aero.org/careers/jobs/index.html>

Knowledge Consulting Group: <http://www.cytiva.com/kcg/careers.asp>

Widely

Widely welcomes resumes from qualified applicants with strong backgrounds in IT, telecommunications, and project management. Please send us your credentials for consideration at join@widely.com.

MITRE: <http://www.mitre.org/employment/index.html>

Lockheed Martin: MS2, Engineering Part-time Employment Program - Interested candidates should email their resumes to Sarah Stafford at sstaffor@gmu.edu

The Last Word

Each week we remark at the progress of our exciting new building. We're very pleased to report that this new facility will receive a Leadership in Energy and Environmental Design (LEED)[™] certification. As such, it will become the University's first "green" building. This important designation shows our commitment to our campus and our environment. It will help us attract the outstanding students and faculty who will create the engineering innovations that drive our economy.

We are also busy planning one of the largest and most anticipated events of the year, The Volgenau School Awards Gala. This is our 10th annual Gala and we are pleased once again to honor our best and brightest faculty, students, and alums. It is also an opportunity to thank our corporate sponsors who provide us with essential funding and opportunities for faculty and student research.

Lloyd J. Griffiths
Dean

The Volgenau School News

Jennifer Lamb
Assistant Dean
(703) 993-1520

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