



Connection

OUTREACH Engineering Management

March 2006 Issue 1

www.ise.ufl.edu/oemp



Welcome

With the growing number of graduates from the Outreach Engineering Management program, we feel that it is important to discover ways to keep in touch with our alumni, and to help each of you stay connected with each other as well. Our students often tell us that one of the most memorable and rewarding aspects of the OEM experience is the friendships that flourish during the 20 months of coursework. Unfortunately, it can be easy to lose touch after graduation. Our goal in creating this newsletter is to introduce a mechanism for sharing information about your career, family, hobbies, relocations or whatever. We invite you to send us notes about yourself and your classmates that we can include in future editions. Please use the form provided on the last page of this newsletter to update us on changes in employment, contact information, or newsworthy items that you'd like to have inserted in our next newsletter. If you have pictures you'd like to share, we'd love to see those, too! We plan to publish a new edition every year.

Today in OEM

Alumni Number Grows

We now have 217 graduates and 80 current students. We continue to enjoy strong interest from well-qualified applicants and receive very enthusiastic reviews about the program from current students and graduates. We are pleased we can continue to offer a unique educational opportunity to working professionals throughout the state and neighbouring regions.

Location for Class of 2008 - Orlando

The next program begins in August 2006, with classes in Orlando. We are still finalizing all of the details, but expect to meet near the Florida Mall.

Ninth OEM Class Underway

The ninth OEM class began on Aug. 19, 2005, with an orientation in Gainesville. Forty new students gathered on campus to meet the faculty, staff and classmates of the Class of 2007 and to attend the first eight hours of lecture. In September, the students began meeting at the permanent class site in Cape Canaveral at the Florida Space Authority facility near the south gate to the Cape Canaveral Air Force Station. The Class of 2007 makes the third consecutive group of OEM students to meet in Cape Canaveral.

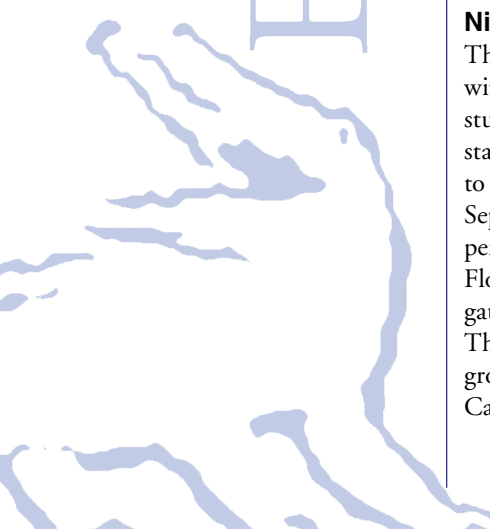
We're proud to say that our alumni play a significant role in our ability to recruit new students. Many applicants are friends and/or co-workers of former OEM students, and each year several of our graduates generously give up some time to attend our various information sessions to meet face-to-face with prospective students. We appreciate all you do to make the program successful!

Upcoming OEM Receptions

The OEM Program is continuing the tradition of celebrating semester breaks by hosting a reception on the Saturday night at the end of each semester. OEM alumni have a standing invitation to attend these events! The following are the dates for the upcoming receptions for the classes meeting in Cape Canaveral. Put these dates on your calendar now so you'll be able to come out to join us! Please contact us for more details.

Apr. 22, 2006 - Hilton Cocoa Beach
Aug. 5, 2006 - Radisson Resort at the Port
Dec. 9, 2006 - location TBA
Apr. 21, 2007 - location TBA

G A T O R
Engineering®



Open House Sessions

5:00pm - 7:00pm

May 2006

Melbourne

Monday, May 15
Hilton Melbourne Rialto
200 Rialto Place

Cape Canaveral

Tuesday, May 16
Radisson Resort at the Port
8701 Astronaut Boulevard

Jacksonville

Wednesday, May 17
Omni Jacksonville Hotel
245 Water Street

Orlando

Tuesday, May 23
Sheraton Suites Orlando
7550 Augusta National Drive

Tampa

Wednesday, May 24
DoubleTree Hotel Tampa Westshore
4500 W. Cypress Street

St. Petersburg

Thursday, May 25
Radisson Hotel & Conference Center
12600 Roosevelt Boulevard

OEM Recruitment Event Schedule

In preparation for the OEM Class of 2008, we will be hosting open houses in various locations within the state. A partial listing of the events is included on the left. One of the strengths of these meetings is the opportunity for prospective students to talk with current students and alumni to learn more about the OEM experience from a student's perspective. If you would like to volunteer to attend one of these meetings, we'd love to hear from you! In any event, we'd appreciate it if you can help spread the word to friends or colleagues who might be interested. More details are available at: www.ise.ufl.edu/oemp/is.htm

Top Ten OEM Industry Sponsors

(Based on number of employees entering OEM Program through August 2005.)

1. Lockheed Martin
2. Pratt & Whitney
3. Motorola
4. Harris Corporation
5. United Space Alliance
6. Siemens Westinghouse
7. Boeing
8. General Electric
9. NASA
10. Raytheon

Career Resource Center

www.crc.ufl.edu
P.O. Box 118507
Gainesville, FL 32611-8507
J.W. Reitz Union, 1st Floor
P: 352.392.1601
F: 352.392.3810

The UF Career Resource Center (CRC) offers several services to UF alumni, including the Gator CareerLink system, an online tool for searching for job opportunities and posting a resume. The CRC maintains an extensive library of printed resources, as well as online resources, including the Vault Guide. Individuals conducting an education job search should take advantage of the credentials service offered by the CRC. Necessary application materials, including letters of recommendation, transcripts, resumes and cover letters are all maintained in one convenient location. Please note, the credential files service is a fee-based service.

UF also hosts major job fairs in the spring and the fall each year. The job fairs are an opportunity for job seekers to meet in person with recruiters that have full-time, co-op and internship opportunities in all disciplines. Each event traditionally includes

more than 300 companies, with more than 1,000 recruiters. More than 4,000 students typically attend during each two-day event. All current students and alumni are welcome to attend. To gain entry into the event, alumni will need to provide either a Gator One card, a UF ID number or a UF Alumni Association card.

The very successful Fall 2005 Career Showcase was held on Sept. 27-28, 2005 and Spring 2006 Career Showcase was held January 24-25, 2006, in the Stephen C. O'Connell Center.

Alumni Association Free E-mail Forwarding Service

www.ufalumni.ufl.edu/EmailForwarding

UF and the UF Alumni Association are proud to offer a free lifetime e-mail forwarding service for UF alumni and friends (Example: patsy@alumni.ufl.edu). Wherever life's travels may take you, you'll always stay connected with your lifetime e-mail address. It's also a great way to show your Gator pride! Complete information is available online.

Concurrent MBA Program and Other Options

www.floridamba.ufl.edu

Since the OEM program began in 1996, more than 10 percent (28 students) of OEM students have gone on to complete an MBA degree at UF. Because of the strong business component in the OEM curriculum, OEM students are eligible to apply for a shortened 16-month MBA program, as compared to the 27-month options that are usually required of applicants that do not have an undergraduate degree in business. In 2003, because of the increasing popularity of the MBA among OEM students, administrators developed a concurrent degree option that further reduces the amount of time required for OEM students to obtain an MBA degree.

The concurrent program allows OEM students to receive an MBA degree with only 12 months of additional courses, all while continuing to work full time. The new option is structured so that students take the first four of the five semesters of the OEM curriculum and then enter the One-Year Internet MBA program, taking

three semesters (12 months) of online MBA courses. Students then complete one final term consisting of both OEM and MBA courses, after which both degrees are conferred simultaneously. In all, the program takes 32 months to complete. As of spring 2006, eight OEM students joined the concurrent program, a big increase from the previous year.

MBA faculty welcome the diversity that OEM students bring to the classroom, which is typically populated with students working in finance, marketing, sales, management and accounting.

OEM students that prefer to have a break after completing the OEM degree, or who prefer face-to-face instruction, are still eligible to enroll in the 16-month MBA program. For the 16-month option, students may choose either a weekend format, in which classes meet in person one weekend per month, or an Internet delivery, which requires only one visit to campus per semester.



Joel Baum, currently enrolled in the concurrent degree program, has this to say about his experience: "The University of Florida OEM/MBA

program has been a valuable learning experience that will help me achieve my career goals. Both programs have also been valuable from a networking standpoint. OEM introduced me to other engineers at my company and throughout the region, while the MBA program has allowed me to interact with a diverse group of students from all across the country. Overall, working through both of these programs has been a fun, stressful, exciting and tiring experience."

Give Your Career that **UF EDGE**

ufedge.eng.ufl.edu

Through UF EDGE (Electronic Delivery of Graduate Engineering), you can obtain a master's degree from home. UF EDGE programs are delivered either via streaming video or DVD directly to you. These are the same courses taught by UF faculty on campus. All degree programs are 30 semester hours and are non-thesis.

The programs available are:
Graduate Degree Programs

- Civil & Coastal Engineering
- Computer & Information Sciences & Engineering
 - With Specialization in Bioinformatics
 - General Studies track
- Electrical & Computer Engineering
- Environmental Engineering Sciences With Specialization in Water Resources Planning and Management

- Mechanical and Aerospace Engineering
 - Masters Degree in Solid Mechanics and Design
 - Masters Degree in Fundamentals of Thermal Fluids Transport
- Materials Science & Engineering Credit-Based Certificate Programs
 - Certificate in Environmental Policy and Management
 - Certificate in Materials Science and Engineering

Admission Requirements, Advising and, Costs

Admission to graduate programs in engineering is based on academic record and scores, and is processed through the UF Graduate School: www.gradschool.rgp.ufl.edu.

The responsibility for academic advisement, course instruction and other academic issues resides with the individual academic departments.

The cost of the program is \$300 per semester credit hour for Florida residents. Out-of-state rates apply for non-Florida residents, however, reduced tuition rates are available for qualified out-of-state candidates.

Contact

UF EDGE

P: 352.392.9670

E-mail: UFEDGE@eng.ufl.edu

Web site: ufedge.eng.ufl.edu

Around Campus

Current Rankings & Other Info UF Highlights

www.ufl.edu

- Fifth largest student enrollment in the nation (>48,000 students).
- 100+ undergraduate majors available.
- 20 Colleges and schools.
- On average, the university awards 13,200 degrees each academic year.
- UF Freshman Profile:
 - average SAT scores: 1300
 - average high school GPA: 3.92
 - UF freshmen retention rate of 93% is among the highest in the U.S.
- Ranked among the nation's top 20 public universities.
- One of 63 members of the Association of American Universities (AAU).
- Leads all public universities in enrollment of National Merit Scholars and National Achievement Scholars.
- Lead university in 7-member consortium to develop a reusable launch vehicle to replace the space shuttle (\$15 million grant from NASA).

College of Engineering

www.eng.ufl.edu

- The College has eleven departments.
- Expected to exceed \$100 million in research expenditures in 2006.
- Ranked in Top 25 engineering graduate programs in the nation.
- Ranked #14 among public institutions (*U.S. News & World Report*)
- Ranked #9 nationally in alumni placement into Ph.D. programs.

ISE

www.ise.ufl.edu

- Offers B.S. degree in Industrial & Systems Engineering and the Master of Science and Master of Engineering degrees with various options.
- The department has a strong Ph.D. program with degrees in IE, SE and OR.
- Research areas of particular emphasis in the department include global and network optimization, location theory, manufacturing management, experimental design, energy management, risk management and financial engineering, supply chain management, and health systems.
- *U.S. News & World Report* ranked the ISE Graduate Program in the top 10 among public universities for both 2004 and 2005 (currently 16th among all ISE departments in the nation).

OEM Statistics

- Overall Retention Rate: 91%
- Number of Alumni: 217
- Number Continuing to Get MBA (includes Class of '06): 36 (14%)
- OEM Student Profile: (averages, including OEM Class of 2007)

Work Experience (in years)	8
Age upon Enrolling	32
Upper Division GPA upon Enrolling	3.14
GRE Scores:	
Verbal Only	505
Quantitative Only	684
Verbal & Quantitative Combined	1,189
Analytical Section (old format)	591
Analytical Writing (new format)	4.3
% with Prior Advanced Degrees	16%

Area of Residence at Time of Enrollment into OEM

Area	No. of Students	%
1 Greater Orlando area	61	20%
2 West Palm Beach area	50	17%
3 Cape Canaveral area	45	15%
4 South Florida	38	13%
5 Melbourne	35	12%
6 Greater Tampa Bay area	20	7%
7 Greater Jacksonville area	17	6%
8 Gainesville	11	4%
9 Georgia	9	3%
10 Ocala	6	2%
10 Other (Florida)	6	2%
12 Out of State (not Georgia)	4	1%

MBA Program

www.floridamba.ufl.edu

- Ranked in top 50 recognized MBA programs in the world.
- Ranked #22 nationally among public schools (#42 overall).



Integrated Product and Process Design Program (IPPD)

www.ippd.ufl.edu



The Integrated Product and Process Design program is an innovative educational initiative at the College of Engineering, University of Florida. Over two semesters, (eight months), in weekly classes, we teach students from various engineering and business disciplines how to design products and processes. Then, working in small multidisciplinary teams under the guidance of faculty coaches and industrial liaison engineers, our students design and build authentic industrial products.

IPPD provides solutions to important design projects utilizing development methodologies proven over eleven years with more than 1,500 students participating in 267 faculty-coached undergraduate design teams.

Each project is scoped at 600 to 800 student engineering hours. Sponsor companies pay \$20,000 per project and provide access to a liaison engineer for several hours a week. Industry funding is leveraged by funding from the State of Florida. The project sponsor retains the ownership of all the intellectual property created by the project team.

IPPD projects reflect a diversity in technologies that is similar to the wide range of OEM participant backgrounds. Projects involve hardware, software, or process designs—sometimes all three. A key to a successful project outcome is to have support from a liaison engineer at the sponsor site. Several OEM alums have served as liaison engineers for IPPD projects. Class of 2003 OEM alums Mike Maszy (Medtronic Xomed), and John Mertens (Honeywell Space Systems) were liaisons for 2002/2003 IPPD projects entitled “Disposable Nerve Locator/Stimulator,” and “High Speed PMC I/O Protocol,” respectively. Cory Phillips (Siemens-Westinghouse Power Corp.), OEM class of 2007, is liaison engineer for “Technology Enhanced Manufacturing,” his second IPPD undertaking.

If you and/or your organization are interested in becoming involved with the IPPD Program, please contact Dr. Keith Stanfill at stanfill@ise.ufl.edu or by phone at 352.392.1464.

OEM Alumni Notes and News

1998

Genter, Brian: Brian has changed from Propulsion Engineer to Producibility Integration Engineer and is now at Lockheed Martin in Marietta, Ga. He assists the incorporation of cost reduction ideas into the build of the F/A-22 Raptor, lowering the cost of the Air Force’s newest plane.

O’Flarity, Steve: Steve continues to work for Pratt & Whitney, now as Program Manager in Advanced Diagnostics and Engine Management. He stays in touch with UF’s ISE Department through his membership on ISE’s Advisory Board, traveling to Gainesville occasionally in conjunction with that role. Mark AuBuchon and Steve are next-door

neighbors. After OEM, Steve went on to complete UF’s MBA program, graduating in 1999. More information about Steve is featured in the Alumni Spotlight article on page 10.

Joined UF’s MBA

Anderson, Brian ‘03
Bleeker, Roy ‘99
Carlton, Rick ‘99
Manolas, Monica ‘99
O’Flarity, Steve ‘99
Russo, John ‘99
Schnell, Wilfred ‘99
Watts, Stephen ‘99

2000

Blackwelder, Diana: In 2001, Diana transferred to Cocoa Beach with Lockheed Martin and bought a condo on Satellite Beach. She moved to New Orleans last year, where she works for Lockheed Martin

Space Systems Michoud Operations, providing IT support for the NASA Space Shuttle External Tank (ET) program, among others. Her house on the North Shore of Lake Pontchartrain in Slidell, La., was severely impacted by Hurricane Katrina, but all are well.

Bryan, Edward: Within six months of completing the OEM program, Edward was appointed Director of Airfoil Engineering at HEICO Aerospace, a position that he held for the next five years. Edward continues his service at HEICO Aerospace, now as Director of Technical Services. He oversees Engineering, Quality and Regulatory compliance across all the

subsidiaries in the aerospace aftermarket business. Edward now has two children (Erin, 4, and Gene, 6).

Campbell, Jim: Jim continues to work for Lockheed Martin Simulation, Training & Support in Orlando, and is now the Technical Director for Business Development & Advanced Programs. He evaluates and recommends technical solutions for all competitive business opportunities, and works with the R&D team to define projects that align with the company’s business strategy.

Garvin, Walt: One month prior to graduation, Walt began working for Jabil Circuit in St. Petersburg. Two months after graduation, Walt was relocated

OEM Alumni Notes and News

to Milan, Italy, as European Operations Development Manager. During the first two years in Italy, Walt completed the internet MBA program through UF, graduating with honors in May 2002. In April 2004, Walt returned to the U.S. to start the Advanced Industrial Engineering group. In December, he relocated to Mexico to take on the Philips TV Business unit.

Giannacco, Joe: Joe left Motorola in 2002 to purchase a family business in Melbourne, Fla. He currently oversees a company of eight that supplies various maintenance supplies and services to the US military and NASA. Joe says the OEM program has rounded out his ability to run a company.

Goodwin, Tom: Tom was recently promoted to a Six Sigma Master Black Belt and leads a global team of Black Belts & Green Belts in Motorola's Service support team in the Mobile Devices business. His challenge is to evaluate critical business issues, guide cross-functional teams through the Six Sigma methodologies and drive the change campaign across the organization to yield the expected results. He lives in the Chicago area with his wife Dawn and two children, Melissa & Alex.

Laposky, Mark: Mark took a position with United Space Alliance at Kennedy Space Center and moved to Viera one year following graduation from the OEM Program. He currently works for USA's Infrastructure Program Management Office as the Project Manager for Crawler Transporter Upgrades. This is a multi-year program to ensure Crawler Transporter supportability by eliminating equipment obsolescence issues.

Joined UF's MBA

Garvin, Walt '02
Heeb, Karl '01

Lebena, Jesus '02
Lemke, Robin '01

2001

Crease, Tony: Tony still works for Pratt & Whitney and is living in Palm Beach Gardens. He comes Gainesville for the Gator football games, and to visit his daughter, who is now a junior at UF.

Koehler, Kevin: Currently Production Manager at Bic Graphic USA.

Paolini, David: David and his wife have 4 children (Nicholas 4, Isabella 2, Sophia and Alexander, born Sept. 3, 2005). David is now the Regional VP of the Latin American Region of Optimi Corp.

Paz, Carmen & Fernando: Carmen & Fernando adopted a daughter, Maria Teresa, from Russia in the 2003. Maria is now 2 years old and is doing well, as is Carmen's & Fernando's 8-year-old son. Fernando was recently promoted to Director of Software Engineering, iDEN Mobile Devices, at Motorola.

Rahe, Pilar: Pilar continues to work at Mini-Lace, Inc. She and her husband now own a second home in Melbourne, where they spend their weekends as often as possible. The home sustained considerable damage from the 2004 hurricanes, so much of their time and effort has been devoted to getting things back to normal.

Joined UF's MBA

Sajid Dalvi '03
Richard Foster (began Aug. '04)
Leslie Guzman '03
David Paolini '03
Chris Perkins '03
Edward Valliere '03

2002

Austin, Tim: Tim continues to work for Honeywell, and is currently working on a project in Mesa, AZ (Boeing P38 retrofit). He finally threw away his Garnet & Gold polo shirt!

OEM '01 students in DMOR.

Barnard, Jennifer: Jennifer has deployed to austere locations supporting Operations Enduring Freedom and Iraqi Freedom and is currently assigned to Dyess AFB in Abilene, Texas. She is enjoying a new Harley Davidson that she purchased last spring.

Beck, Bryan: Bryan works in Design and International Sales for Callidus Technologies in Tulsa, Okla. He has visited over 20 countries in the last three years and has equipment installed on 6 continents. He and his wife, Katy, have a one-year-old son named Alex.

Campbell, Zac: Zac continues to work for Bell South, and has been promoted twice since graduating. He feels that in both cases the OEM degree played a significant role. He and his wife, Alli, moved to Atlanta in January 2005 when he took on the role of Test Systems Specialist/Training Manager. In May 2005 he became a father. Zac says that his son, Ty, is fortunate in that he looks just like his mother!

Chase, Bruce: Bruce completed his OEM degree in December 2002, and passed the PE exam in 2004. He recently purchased a Harley Davidson.

Cook, Crit: Crit moved to the DC area a couple of years ago. He and Jack Hill went through UF's MBA program together, graduating in May 2004.

Czedik (Brickhouse), Cristin: Cristin is now married and working for Honeywell in Clearwater as a Supplier

Quality Engineer. She recently passed CQE certification.

Jayaraman, Venkatesh (Jay):

In Nov. 2002, Jay married Lavanya Venugopal, who is currently pursuing a master's degree in Computer Science. They bought a house in September 2004. Jay plays tennis, volleyball, badminton, and cricket on a regular basis, and continues to work for Motorola in South Florida. In 2003, he was promoted to a technical lead position and is currently involved in design/architecture of a next generation platform for Customer Programming Software (CPS). He was impacted by the recent hurricane, but didn't suffer any major damage.

Jennings, David: A few months after graduation, David was recruited and hired by NovaMin Technology, Inc., a late-stage startup company dedicated to developing innovations in oral health care. Although initially hired as a Project Engineer, David was quickly promoted as the company began to grow. David currently holds the position of Director of Product Development.

Kapotsy, Mike: Mike is still working for Boeing, now as a participant in the Enterprise Auditor leadership development program. He is enjoying the opportunity to broaden his experience by becoming exposed to different teams and business units every



OEM Alumni Notes and News

three months, and traveling internationally. He is now married, and his wife, Dana, is able to travel with him frequently.

Kuhn, John: John moved to Shelby, NC, and is working for Ticona.

McElroy, Bill: Bill still works for CH2M Hill in Gainesville, traveling often to Huntsville, Ala. He recently gave a presentation (based on some OEM coursework) there at a NASA client Strategic Management Team session on how to adapt key business process and business management concepts into their governmental unit. He received the meeting's crystal MVP award as a result. He has done two years of adjunct teaching for UF's Civil & Coastal Engineering Dept. since his graduation from OEM. Bill's son now attends Santa Fe Community College.

McMillen, Scott: In 2003, Scott and his family moved to Dublin, Ireland, where Scott accepted a senior level R&D position with an international pharmaceutical company, Wyeth BioPharma.

Mendola, Steve: Steve now works as Manufacturing Manager for Casmin, Inc., in Lady Lake, Florida. Casmin manufactures engineered building components such as roof and floor trusses

Rhode, Paul: Shortly after graduating, Paul accepted a job with Lockheed Martin and relocated to Fort Worth, Texas.

Sih, Vincent: Vincent completed his OEM degree at a distance, graduating in May 2003. He continues to work for Chartered Semiconductor in Singapore, and has been promoted twice since graduating. He is now working on a joint development program with Samsung, Infineon, and IBM, to develop the next generation chip manufacturing technology.

Vincent was working at the IBM facility in Fishkill, NY, but returned to Singapore in February 2006.

Watt, Alan: Alan spent 13 months of active duty overseas (mostly in the Middle East), returning from the war in January 2004. Now, in the role of Defense Service Group Leader and Senior Project Manager in the Aerospace and Defense Program for Reynolds, Smith & Hills, Alan continues to travel frequently. He markets architectural and engineering services to the Army and Navy.

Joined UF's MBA

Crit Cook '04
Jack Hill '04

2003

Barnes, Tom: Tom is still working at Lockheed Martin Missiles & Fire Control in Orlando. In September of 2004, he moved from Senior Mechanical Engineer, Test Equipment Group to Tool Design Lead, Tooling Group. In this position, he is responsible for all aspects of tool design and fabrication in supporting manufacturing and production line assembly. Travel is still 25 percent of his job.

Bernabela, Elizabeth: Elizabeth is now working full-time as a teacher in Ocala. After finishing the OEM Program, she continued her education further by obtaining an Education Specialist degree from National Louis University in 2005.

Cera, George: passed the PE exam in Mechanical Engineering in October 2003; still is working at LMCO Simulation, Training, and Support and living in East Orlando and is frequently in touch with Mike Schrader, Jason Masse, and Tom Barnes.

Consiglio, Karen: In early 2004, Karen and her husband, Ron, relocated to Northern Virginia. Karen now works for the



OEM'03 students in Org. Behavior

Virginia Department of Rail and Public Transportation, the lead agency for a multi-billion dollar project expanding the Metrorail system more than 23 miles to the Dulles Airport and beyond. Karen is the manager for the property acquisition, utility coordination and environmental permits for that project. She and Ron bought a house in Reston, VA, in March 2005.

Do, Thanh: Thanh completed his OEM degree in spring 2004, while continuing his pursuit of a dentistry degree at the University of Florida.

Estep, Amanda: Amanda finished her OEM degree in December 2003. She is still working for Blue Cross Blue Shield as a Six Sigma Black Belt and living in Jacksonville.

Feldkirchner, Mike: Mike and his wife had a daughter, Caroline Marie, just a few weeks after he graduated.

Hill, Bernie: Shortly after graduation from the OEM Program, Bernie took a job as a scientist for Clorox Co. and moved to San Francisco, Calif. Within a year, he was promoted to Senior Scientist and is currently working towards the next level.

Kalicki, Adam: Adam was called to active duty after graduating from OEM. He spent two months in Puerto Rico, and then was deployed to Iraq for one year. He returned to Florida in March 2005, and is still thoroughly enjoying being able to spend time with his family again. Adam and his wife, Julie, are the proud parents of a baby girl, Addison Elise Kalicki, born Jan. 2006.

Everyone is doing well (except for lack of sleep).

Kota, Girish: After graduation, Girish relocated to Champaign, Ill., and continued working for Motorola. He currently lives in Hudson, Mass., and works for Intel Corporation as Manager of the Reference Platform Validation group.

Kulik, Rob: Rob and his wife had a son, Andrew, in March 2004. Rob still works for GE Healthcare, currently as Project Leader. He is now the lead system designer in the design and development of patient vital signs monitors.

Masse, Jason: Jason still works for United Space Alliance at the Kennedy Space Center. He completed his Master of Engineering degree in Electrical & Computer Engineering at the University of Florida in April 2005.

McEntee, Sean: Sean currently lives in Gainesville and works at Exactech.

Mertens, John: John continues to work at Honeywell, now in the role of ASIC/FPGA Manager, Space Payload Applications. John still visits Gainesville occasionally to represent Honeywell at UF's Career Showcase and for activities related to the Integrated Product and Process Design Program (www.ippd.ufl.edu). He and his family continue to enjoy RVing, and were recently featured in Winnebago's Traveling Times magazine (www.winnebagoind.com/html/resources/publications.html).

Moore, Chris: Chris and his wife currently live in Jupiter, Fla., with their two children (Perry,

OEM Alumni Notes and News

6, and Lily, 1). After graduating from OEM, Chris left General Electric and took a job with Florida Power & Light (FPL). In his current role, he works with a team that creates and maintains FPL's Long Term Planned Maintenance schedule for their power plants. Chris says that his OEM degree has assisted him with logistical planning and budgeting for planned maintenance at FPL's power plants.

Riehl, Bill: In the spring of 2005, Bill led a diverse team of more than 1,000 US and El Salvadoran engineers, doctors and support personnel to build two schools and three clinics and treat over 16,000 patients in just 90 days during Operation New Horizons 2005 El Salvador. New Horizons is Southern Command's annual Engineer and Medical Readiness Training Exercise that brings civil works and medical care to economically depressed areas of Central and South America.

Schroeck, Brian: Brian married in April 2004, and honeymooned in Jamaica. He and his wife, Teri, moved to Rockledge, Fla., in December 2004. Brian still works for GE Rail Solutions and in July 2004 was promoted to Hardware Engineering Manager.

Schrader, Mike: Mike now works for United Space Alliance at Kennedy Space Center, in the Solid Rocket Booster Program Management office. Among other duties, Mike now leads a team responsible for a multi-flight implementation of a data acquisition system that records data collected by sensors mounted on the External Tank. NASA will use this collection of data to validate a proposed modification to the External Tank intended to further reduce the probability of foam loss during ascent.

He is thinking of enrolling in an MBA program in the near future.

Shaske, Jeff: In December 2003, Jeff became Business Manager for the Auburndale Power Partners, Auburndale Peaking Energy Center and the Osprey Energy Center power plants, owned by Calpine. In September of 2003, Jeff and his wife, Kim, had their third child, a boy named Philip.

Thomas, Clay: After completing OEM, Clay utilized his degree to start up an SAP Practice Director position for a boutique consulting company. Clay now again manages his own company, 3R's of Consulting. As a Supply Chain Consultant, he travels and relocates frequently. In the last two years, Clay has lived in New York and St. Petersburg, and is currently based in Phoenix, which he is enjoying greatly.

Vazquez, Diego: Diego has been working for Harris Corporation in Melbourne since just after graduating from OEM. Since that time, he has helped to redesign some of Harris' application tools and has become the primary software engineer responsible for maintenance, and is currently part of a software team tasked with

providing commercial imagery via a web portal interface to approved organizations for use with hurricane recovery efforts (a sample is available at hurricaneimagery.org).

Warren, Kris: Kris recently got married, and now resides in Orlando. He is currently working for Disney as an Industrial Engineer, and is hoping to begin an MBA program in the next couple of years.

Joined UF's MBA
Cera, George (began Jan. '05)
McEntee, Sean '04
Naujock, Tyson '04
Van Smith, Rick '05

2004

Ajlani, Sam: Sam now lives in Douglas, GA, and is working for Gold Kist as a Division Engineer in the Southeast Georgia Division. He and his son are doing fine and he is heavily involved with process improvement and quality process control for the Division.

Beauchamp, Karen: After graduating from OEM, Karen got a double promotion at work. She took up skydiving and hopes to make it a full-time hobby soon.

Carbone, Mike: Mike started working for NASA in May

2005, after the final launch of the Titan with Lockheed Martin.

Davis, Rick: Rick continues to work at Johnson & Johnson's Vistakon, where he was recently promoted. His master's project on utilizing an e-solution for automated training has now been implemented for 2,400 local users with impressive anticipated savings. Rick is pursuing plans to teach after retirement.

Gray, Bob: Since graduation in 2004, Bob first worked as a CDI engineering contractor at Siemens Westinghouse, designing the stator water cooling systems for two nuclear power plant generators in Sweden and Finland. Then, in June 2005, he was named the Project Lead Engineer for the Finnish nuclear power plant project responsible for the generator auxiliaries design. Most recently, Bob was rehired by Siemens Power Generation as a Senior Engineer. Although still based in the Orlando area, he and Karen bought some property in the Blue Ridge Mountains of South Carolina, where they intend to retire some day.

McCurry, Chris: Chris got married 2005, and he and

OEM '04 in regalia



his wife recently bought a townhouse in St. Petersburg. Chris continues to work for Raytheon Corporation, and has recently transferred into the Systems Engineering group as a Senior Systems Engineer.

McWaters, Mike: Mike still works at Harris Corporation and was recently promoted to a group leader position there. He is hoping to begin an MBA program in the near future.

Miller, Shawn: In August 2004, Shawn moved to Gainesville, where he now works as Project Engineer with a medical device manufacturer (InterV, formerly MD Tech).

Mosher, Randy: Randy continues to work at Lockheed Martin, but now holds the position of Technical Program Manager for a \$28 million computer security program.

Sheffield, C. Scott: Scott was married in February 2003. He has a daughter who is nine years old, and a son who is one year old. Scott had a unique experience in December 2004— he arrived in Thailand for a visit on the day the tsunami struck. He continues to work for Custom Profiles Inc., which is a supplier of custom plastic extrusions for various industries. Scott was the first OEM student to complete the concurrent OEM/ MBA program, obtaining both degrees in April 2005.

Smith, Nate: Nate was recently promoted to Senior Systems Engineer at Lockheed Martin. In June 2005, Nate and his wife had their first child, Renée Elizabeth Smith.

Stilson, Stephanie: As Vehicle Flow Director for NASA's orbiter Discovery, Stephanie played a very prominent role in the launch of the first shuttle following the Columbia accident. She is currently posted at the Johnson Space Center in Texas serving as the Technical Assistant to the Space Shuttle Program

Manager. Stephanie completed her MBA degree requirements in April 2005 and finished her OEM degree in December 2005. More information about Stephanie is featured in the Current Student Spotlight article on page 11.

Terwiliger, Tom: Tom's family was displaced from their house due to Hurricanes Frances & Jeanne; since then, much of their time has been devoted to restoring normalcy. They are finally back in their home now.

Joined UF's MBA Sheffield, Scott '05 Stilson, Stephanie '05

2005

Antoniewski, Jeff: In June 2005, Jeff was promoted to the position of Software Quality Engineering (SQE) Manager for all of Lockheed Martin Simulation, Training & Support in Orlando. He's currently responsible for a staff of 18 people, spread across four states (Florida, Texas, Arkansas, & New Mexico) and two countries (US & UK). Jeff believes that his OEM degree made this promotion possible.

Barrows, Jeremy: Jeremy completed his degree program requirements in the summer of 2005 and is now officially an OEM graduate! Congrats, Jeremy! He was recently promoted to a Level 3 Industrial Engineer at Northrop Grumman.

Baum, Joel: Joel continues to take courses for the concurrent MBA program, and will graduate with both degrees in April 2006. He says that the MBA program has been a lot of work, but has definitely been a great learning experience. See page 3 for more from Joel.

Delesie, Victoria: Victoria continues to work for Raytheon and is doing well. Now that she's no longer busy with OEM work, she is enjoying more GATOR FOOTBALL!

Graf, Brian: Currently a Project Manager in the new NASA KSC Engineering Development Directorate (formed as part of the effort to manage the \$1B to \$1.5B infrastructure upgrades for the new space launch vehicles & payloads), Brian was recognized as Employee of the Year for his work as the Construction Manager for a new six story facility at KSC. Brian gave a presentation that was based on his and Kristen's OEM master's project at the October 2005 National Weather Association Annual Conference in St. Louis. Brian's daughter started kindergarten in the fall of 2005.

Hancock, Joe: Joe has taken numerous trips (both business and personal) since graduating in April 2005. He continues to perform storm duty for FPL, which recently took him to New Orleans (Katrina) and Texas.

Editor's Note: Joe came to Gainesville in August 2005 to assist with the Orientation session for the newest OEM class. He has a new tattoo and some new stories from his many recent trips, but is still the same Joe.

Ling, Zhen: Zhen and his wife, Claire, now have a daughter, Samantha, who was born in May 2005. Claire has finished her Ph.D. degree in Optical

Engineering and is now a full-time mother. Zhen left Siemens Power Generation at the beginning of January 2006 to pursue his MBA degree at INSEAD in France. He will be living in Fontainebleau (near Paris) while participating in the intensive 10 month program, which will include student exchange opportunities in Singapore and Pennsylvania.

Martin, Dawn: Dawn became engaged immediately following OEM. Also after graduation, she was chosen to be part of a supervisor development program, which involves 5 months of a mixed training in leadership, quality, and technical aspects. In the near future, upon finishing the training program, she will become a Crew Supervisor. In that capacity, she will supervise FPL crews in the construction and maintenance of FPL's facilities.

White, Roy: Roy is continuing his MBA coursework, and is on schedule to graduate with both degrees in April 2006. In addition to school responsibilities, he has an 8 month old child, and recently bought a new house and moved. His home and yard had some damage from Hurricane Wilma, but he and his family

OEM '05 in regalia



are safe and sound.

Vance, Steve: Steve works as a Senior Project Engineer in the Global Service Division at Siemens Power Generation in Orlando, where he is the lead engineer for commercial integration in the Service Agreement Operations Department. Steve manages the warranty claims system and coordinates risk management for long term service contracts, and also participates in the change review board and develops strategies for introducing new products into the operating fleet.

Joined UF's MBA

Baum, Joel (began Jan. '05)

White, Roy (began Jan. '05)

News From OEM Teaching Assistants

Bai, Lihui. Lihui completed her doctoral degree and is now Assistant Professor of Information and Decision Sciences at Valparaiso University (Lihui.Bai@valpo.edu).

Nahapetyan, Artyom. Artyom is currently working on his dissertation and was a presenter at the INFORMS meeting in November 2005. He expects to graduate in spring or summer 2006.

Yelton, Cody: Cody graduated in Aug. 2004 with an MS in Management. She is currently working in building construction for a developer in Boulder, Colo., where she seems to be very happy.

Yildirim, Mehmet Bayram: Bayram is now working with Wichita State University as Assistant Professor and National Institute of Aviation Research Fellow in the Industrial & Manufacturing Engineering Department. bayram.yildirim@wichita.edu
<http://imfge.wichita.edu/>



Steve O'Flarity at Edwards Air Force Base, standing in front of the first F-22 aircraft.

Steve O'Flarity OEM '98

For Steve O'Flarity, setting a good example to his children meant going back to school. And once a Gator, always a Gator.

O'Flarity earned a B.S. in mechanical engineering in 1980 from the University of Florida. In the mid-90s, he came back to UF to pursue a graduate degree. He didn't have to move back to Gainesville, though, because he enrolled in the Outreach Engineering Management program. He traveled to Ft. Lauderdale a few times each semester for a weekend of face-to-face instruction.

"It really worked well for my schedule and situation," O'Flarity said. "It didn't eat into too much of my personal time, and the fact that it was the University of Florida and a mix of engineering and business really attracted me."

O'Flarity works for Pratt & Whitney. Co-workers told him about the OEM program, which was in its infancy when he enrolled. His company encourages its employees to pursue higher education—Pratt & Whitney paid for O'Flarity's tuition and books and gave him time off as needed. When he graduated in 1998 as part of OEM's founding class, his company gave him \$10,000 of Pratt & Whitney stock.

Pratt & Whitney is historically a "hard-core engineering company," O'Flarity said, but the early 90s brought a shift in focus, and elements of business became more important. Pursuing the engineering management degree was kind of a "no-brainer," O'Flarity said.

"I've always liked school and learning, but I'm sure I didn't take my undergrad as seriously as I should have," he said. "For me personally, it made a big difference in my outlook on education. I wanted to be a good example for my kids."

O'Flarity has a daughter, now 13, and a son, now 9. He and his family live in Connecticut, where O'Flarity works at Pratt & Whitney as a program manager for advanced diagnostics and engine management. He oversees a team that produces web-based software tools to manage fleets of engines. Also, he currently serves on the advisory board for UF's Department of Industrial & Systems Engineering.

He said the OEM program gave him a "master's-level view" of business, combined with engineering.

"I'd highly recommend it, particularly for people with engineering backgrounds, but who don't know enough about business."

Stephanie Stilson OEM '04

To get to space, Stephanie Stilson came to Gainesville.

Stilson is NASA's Flow Director for the space shuttle Discovery. She was a critical part of the Return to Flight mission in 2005—her job is to make sure Discovery is ready to launch. She hopes to be an astronaut one day, too, and everything she does is focused on expanding her training and honing her skills. Thus the stop in Gainesville.

She enrolled at the University of Florida to pursue a master's degree in engineering management and a master's degree in business administration. She chose a less traditional approach to graduate school and earned her degree through the Outreach Engineering Management program.

"The main difference for me was the way [OEM] was laid out," Stilson said. "It was impossible to go to class in the day. I never know when I'll leave work or have to be back at work."

OEM allowed Stilson to do much of her coursework from her office in the Kennedy Space Center in Florida. The program required her to commute to Gainesville a few times each semester, but Stilson said the trips helped her better connect with UF.

"I enjoyed going to Gainesville. It was nice to see the campus, even go to the football games," she said. "But the greatest thing was getting back into the camaraderie of the classroom, to get a chance to share ideas and hear ideas."



Stephanie Stilson briefs the media attending a workshop and tour of the Orbiter Processing Facility (OPF) housing the Space Shuttle Discovery at KSC during preparations for the return to flight launch in March 2005.

Stilson earned her bachelor's degrees in electrical engineering and computer engineering from North Carolina State University in Raleigh, N.C., in 1994. She began working for NASA while she was still a student. She said one of the things she most appreciated about the OEM program was its emphasis on collaboration. Students were often encouraged to work together on assignments, she said, which helped bring a broader perspective.

"Engineers can keep to themselves at times," she said. "When you work in groups, you have to make sure everyone can understand you, not just people with PhDs in electrical engineering! I really learned to interact with students from other disciplines."

Stilson said she opted for the concurrent MBA program because it added only one year to the time needed to complete the engineering management degree. Later in her career, she said having both degrees could work in her favor.

"The fact that I took the time and obtained these two degrees, it could push me over the top," Stilson said.

Currently, she's in the middle of a six-month rotational assignment at the Johnson Space Center in Houston. She is the technical assistant to the space shuttle program director. One of her major responsibilities is to create a weekly activity report to brief NASA officials on everything going on with the program. Stilson said the rotational program is a wonderful opportunity for her to see the space program from a different angle, and better understand the "big picture."

This assignment works well with her new master's degrees, which she completed in December. Together, they enhance her value to NASA, and prepare her for career opportunities ahead.

"Any time you advance your education, it's going to be good for you," Stilson said. "Even just to earn a degree shows you can maintain good time management and stay on top of schoolwork."

