



HOTLINE

FIRE PROTECTION ENGINEERING

A NEWSLETTER
FOR ALUMNI AND
FRIENDS OF THE
DEPARTMENT OF
FIRE PROTECTION
ENGINEERING

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FM Global Gift Supports Diverse FPE Initiatives

FM Global, one of the world's largest commercial property insurers and a recognized leader in scientific property loss prevention research, has been a tremendous supporter of the Department of Fire Protection Engineering.

The new FM Global Welcome Center in the department is now fully operational. The Welcome Center provides a comfortable environment for prospective students, visitors and members of the department. A flat screen display provides information concerning careers in fire protection engineering and research activities within the department and at other major research facilities. Graphics surrounding the screen highlight the challenges, opportunities and rewards of the fire protection engineering profession, showcasing alumni of the department and some of their exciting experiences.

Louis Gritzko, vice president and manager of research, and Robert Bill, assistant vice president and director of fire hazards and protection research area, visited the department on May 9, 2007, to make a formal presentation of their company's gift of \$135,000.

The gift from FM Global is also in support of construction and equipment for the department's new experimental laboratory, the FM Global Fire Phenomena Laboratory. The laboratory, currently under construction in the J.M. Patterson Building and scheduled for completion during summer 2008, will provide state-of-the-art facilities to support technical excellence in research and education. The 1000 square foot laboratory will offer a unique and controlled environment for conducting sophisticated laboratory-scale fire experiments. This laboratory will house a salt-water facility for exploring fire induced flows, a vibration-isolated optical breadboard for studying detailed flame characteristics and modular workspaces for a variety of bench-scale experiments. Advanced diagnostics, including Particle Image Velocimetry (PIV), Planar Laser Induced Fluorescence (PLIF), and thin fil-



ament pyrometry, will be available in the laboratory. Several ongoing research programs will benefit immediately from the FM Global Fire Phenomena Laboratory, including the projects entitled "Establishing Extinction Criteria for Fire" (NIST), "Fire Safety of Hydrogen Leaks" (NIST), "Sooting Limits of Diffusion Flames" (NASA) and "Laminar Smoke Points of Condensed Fuels" (Minta Martin).

In addition to this recent gift, FM Global is also sponsoring individual research projects with André Marshall and Arnaud Trouvé. FM Global is sponsoring André's joint experimental and computational project entitled "Atomization Modeling for Fire Suppression Injectors" (with Drs. Bert Yu and Robert Bill of FM Global), a project focused on developing physics-based and sub-models to facilitate the characterization and analysis of fire suppression injectors. The company's support of Arnaud is for a computational research project entitled "CFD Modeling of Vertical Turbulent Wall Fires" (with Drs. Prateep Chatterjee, John de Ris, Sergey Dorofeev and Robert Bill at FM Global). The project is aimed at enhancing CFD-based fire modeling capabilities towards a treatment of wall fires.

The Department of Fire Protection Engineering is grateful to FM Global for its truly remarkable support of research and education at the University of Maryland. The company's contributions come at a pivotal moment in the department's history and their support will leave a tremendous imprint on the department's research and recruitment programs for many years to come.





Message from the Chair

AS WE SETTLE into our new space in the J.M. Patterson building and the frantic pace of renovation activities is finally slowing, I would like to take time to reflect on what has happened this past year and look ahead to our plans for the next few years.

After our grand celebration of the department's 50th Anniversary, we

completed the renovation of office space for faculty, staff and graduate students. We moved in December 2006 and have thoroughly enjoyed our transition to the new space. One of the most pleasant surprises was finding that the students love to gather in the area near the Sprinkler Connection, outside of the faculty offices. The Connection came about from a discussion with and the support of Strickland Fire Protection, Inc. This space, as well as the rest of our new space, has shown great promise in supporting the creation of an extremely effective environment for learning and collaboration.

The Schirmer Engineering Conference Room has also been a major success and is proving to be an invaluable resource. We use it for meetings, seminars, these defense, technical events and department functions. Friends and colleagues from other Clark School and University departments enjoy having the opportunity to meet in such a comfortable and modern space.

In this issue of *Hotline* we are proud to share details of our other facilities, recently completed and near completion. I would like to mention in particular the Fire Protection Engineering Alumni Lounge, made possible by contributions of individual alumni and friends. The members of the Salamander Fire Protection Engineering Honor Society and the student chapter of the Society for Fire Protection Engineering are in charge of this space and have provided carpeting and furniture from their reserve funds. I believe that this new addition will foster outstanding student collaboration and activities.

Also in this issue you'll read about the tremendous support we have received from FM Global for both our facilities and for faculty research,

and two newly-completed sponsored laboratories, the Koffel Associates Fire Standards Laboratory and the Underwriters Laboratories Fire Modeling Laboratory. We are extremely proud of these spaces and the opportunities they afford our faculty and students.

I think in every conversation we have the opportunity to talk about things, about people and about ideas. Following this pattern, I would like to share some news about people in the department. This year we celebrated two significant events. André Marshall was promoted to Associate Professor with tenure. André made history as the first faculty member from this department to receive a prestigious NSF CAREER Award. Arnaud Trouvé was also appointed as Associate Professor with tenure and was clearly a notch above the other applicants for the position.

Vince Brannigan retired this year and was honored with the title Professor Emeritus. I believe he will continue to contribute significantly to the department. Vince often gives me updates on his new life and he seems to be more passionate and involved than ever with fire issues. Jim Milke is on sabbatical this year and Jim Quintiere returned from sabbatical last August.

We have had the good fortune to hire Sharon Hodgson as Director of Administrative Services. She brings extensive experience in human resources and has made incredible progress in organizing and making transparent the financial processes of the department. Mary Lou Holt joined the business office staff in July 2006 as Payroll and Purchasing Coordinator. Our new Laboratory Technician, Olga Zeller, joined us in October 2007 and has been working extremely hard to organize the laboratories and equipment.

Now I would like to spend a few lines on ideas. Our mandate is to initiate a doctoral program in fall 2009, as we have been planning for several years. We have added a new element to our plan by considering the hire of a new faculty member at the junior level. This new faculty member would be instrumental in sharing the increased burden of teaching and administering such a program. Further, the addition of another faculty member would increase our research expenditures to a level commensurate with the establishment of a doctoral program.

The resources to support this additional line would come from the expansion of the Professional Master of Engineering online program. Under the guidance of Jim Milke and Fred Mowrer, this program is on its way to achieving an enrollment of more than 200 seats per year. Additionally, I would also like to recognize the tremendous efforts and dedication of George Syrmos and Paul Easterling from the Office of Advanced Engineering Education in the A. James Clark School of Engineering, whose support has made these results possible.

We are planning to enhance further our ability to attract experienced applicants in the distance program by adding a suite of four prerequisite courses. These courses will be modeled on our undergraduate offerings and will provide a foundation in thermodynamics, heat transfer, fluid mechanics, strength of materials and advanced mathematics. Fred Mowrer is leading a full revision of the undergraduate curriculum in cooperation with the Curriculum Advisory Committee, chaired by alumnus David Ilove. The new curriculum will enhance our ability to provide effective and high quality education by emphasizing the fire modeling element and by bringing in-house the sophomore and junior engineering courses with specific emphasis on fire issues.

Students enrolled in ENFP350 meet in the Schirmer Engineering Conference Room for a visit from guest speaker Chris Scheer (B.S. '93) of NAVFAC.



The Sprinkler Connection (top) and the Fire Protection Engineering Alumni Lounge

This suite of four courses will provide us with first hand experience in offering undergraduate level courses in the distance framework. These activities could lead to a two-year undergraduate distance Bachelor of Science degree articulated with a number of community colleges in the nation. This is a most ambitious and complex undertaking. As we progress along these lines, we will keep these long term goals in sight and gradually gain the experience and tools toward implementation.

In closing, I would like to recognize the consistently generous support that makes our achievements possible and drives our future aspirations. The J.M. Patterson renovation project has come to being through the generous contributions of many individuals and corporations. The continuous support of our graduate and undergraduate students by the full and associate members of the FIRE Center is essential for the growth and strengthening of our graduate and undergraduate enrollment, key to sustained graduation rates and vital to high quality students and graduates.

Our alumni represent everything that is good about our department. I thank you, and all our friends, for your investment in and commitment to the excellence of our programs. I look forward to telling you more about major accomplishments in the four years to come.

Marino di Marzo
Professor and Chair



Koffel Associates Fire Standards Laboratory Fully Operational



Once the renovation of the space that would house the Koffel Associates (KA) Fire Standards Laboratory in the J.M. Patterson Building was complete, André Marshall showed great leadership in overseeing the final set-up of the lab so it is now fully operational. Olga Zeller, Laboratory Technician, was invaluable in



working with André to support the implementation of the lab and its equipment.

The critical nature of the work of the Fire Protection Engineer, and its direct connection to life safety, requires that students in Fire Protection Engineering have first-hand experience with fire in the context of both fire science and fire regulation. The KA Fire Standards Laboratory facilitates this experience for our students and provides students with learning experiences at the cutting edge of the discipline.

The course ENFP 320, *Fire Assessment Methods and Laboratory*, has been central in introducing these concepts to undergraduate students. A principal component of this class is the laboratory experience in which

students conduct basic fire experiments and standard fire tests. In the KA Fire Standards Laboratory, students have first-hand learning experiences with fire dynamics, the standard fire tests that underpin fire regulation and state-of-the-art fire assessment methods used in research.

The Department of Fire Protection Engineering is grateful to Koffel Associates, Inc., for their generous and consistent support of our students and programs through their sponsorship of the KA Fire Standards Laboratory and their membership in the FIRE Center. This kind of support allows the department to continue its international reputation of producing leaders in the field of Fire Protection Engineering.

UL Fire Modeling Laboratory Now Open

The Department of Fire Protection Engineering (FPE) opened its new and considerably upgraded computer laboratory, named the UL Fire Modeling Laboratory, on November 5, 2007. The laboratory is made possible through the generous sponsorship of Underwriters Laboratories, Inc. The UL laboratory is located in a spacious room in the J.M. Patterson Building, just inside the main entrance to the department. It is equipped with sixteen new workstations (16 Dell OptiPlex GX745 Duo Core 2 GHz Desktops with 2 GB of RAM, 80 GB of disk space and 17" flat panel monitors), a new printer (HP LaserJet 4250tn) and new furniture.

The UL laboratory is supported by the Engineering Information Technology (<http://www.it.umd.edu/>) unit of the A. James Clark School of Engineering. The workstations are organized into two groups. The first consists of twelve workstations that use the Microsoft Windows 2000 Operating System and are dedicated to all-purpose use. The second consists of four workstations dedicated to fire modeling projects, two that use the Microsoft Windows 2000 Operating System and two others that use the Red Hat Linux Operating System.

Extra tables are available in the center of the room and provide space for teaching, team work, and users who bring their own laptops and use the University of Maryland wireless network.

In addition to its pool of sixteen workstations, the UL laboratory will provide access to parallel computing power by allowing remote secure login to the High Performance Computing Cluster called *deephought*, a Linux cluster corresponding to a network of Dell PowerEdge servers equipped with Intel Xeon multi-core multi-processors (the computing system currently features 99 nodes and 528 processors) and a four Terabyte storage system. The *deephought* cluster is supported by the University of Maryland Office of Information Technology (OIT) (<http://www.oit.umd.edu/HPCC>).

Arnaud Trouvé's research group has already been using the cluster for several computationally-intensive fire modeling projects. Additionally, the department recently signed an agreement with OIT to purchase some additional Dell PowerEdge 1950 computing nodes to be installed as part of *deephought*, and will thereby provide a first FPE-owned parallel computing capability.

Parallel computing is the simultaneous use of multiple computer processors in order to maintain speed and productivity when solving large computational problems. Until the recent past, the scope of



parallel computing was limited to a few high-end academic applications running on restricted-access super-computers and managed by specialized scientists. With the continuous development of computer and networking technologies at affordable cost, parallel computing has now penetrated the professional engineering world and is routinely used for calculations of engineering systems.

An example of a parallel software used in the fire protection engineering community is the Fire Dynamics Simulator (FDS). The FDS was developed by the Building and Fire Research Laboratory of the National Institute of Standards and Technology and is the leading fire simulation software used by fire protection engineers and fire scientists in the U.S. The latest version of FDS includes a parallel computing capability based on the Message Passing Interface (MPI) library. FDS is used heavily by both students and professors in the department. Access to *deephought* will make parallel computing an integral part of the fire modeling experience at Maryland.

For additional information, please contact Arnaud Trouvé (atrouve@umd.edu or 301-405-8209).

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Report on the FIRE Center

The Fire Research and Education (FIRE) Center was established in 2003 to support the education of future fire protection engineers and the future strength of the profession. The generous support of the members of the FIRE Center allows our department to attract and support outstanding students. We would like to acknowledge our current full and associate members.

Full Members

Combustion Science & Engineering, Inc.
Gypsum Association
National Fire Protection Association
Rolf Jensen & Associates, Inc.
Schirmer Engineering Corporation/
AON Foundation

Associate Members

American Fire Sprinkler Association
BFPE International
Roger R. Cholin Scholarship
G.E. Industrial, Security
Honeywell Fire Solutions Group
Hughes Associates, Inc.
Koffel Associates, Inc.
The Prince George's Community
Foundation—The Wells Fund
The Reliable Automatic Sprinkler
Company, Inc.
The SPFE Greater Atlanta Chapter



Scholarship Recipients and Award Winners

The Department of Fire Protection Engineering is fortunate to have a history of generous scholarship support for its students. This support plays an integral role in allowing us to recruit and retain the most talented students. During the 2007-2008 academic year, we awarded \$121,000 in scholarships to undergraduate Fire Protection Engineering students. The department is pleased to announce the 2008 student award winners.

MATTHEW BENFER

Honeywell Fire Solutions Group
Salamander Scholarship

ALYSON BLAIR

Sarah B. Bryan Scholarship
Philip L. DeCamara, Jr., Memorial Award

RICHARD BOWIE

Schirmer Engineering
Corporation Scholarship

KRYSTYNA BUDA-ORTINS

Schirmer Engineering
Corporation Scholarship

ALLISON CAREY

Sarah B. Bryan Memorial Scholarship
Arthur E. Cote Scholarship (NFPA)
Robert M. Gagnon Scholarship

CATHLEEN CHILDERS

FPE Department Scholarship

JEFFREY CORRON

G.E. Industrial, Security Scholarship

CHI DO

Philip L. DeCamara, Jr., Memorial Award
Salamander Scholarship

JONATHAN EVANS

G.E. Industrial, Security Scholarship
RJA Group Scholarship Award

JEWELL FENG

G.E. Industrial, Security Scholarship

BRYANT HENDRICKSON

Honeywell Fire Solutions Group Scholarship

STEPHEN KOHN

RJA Group Scholarship Award

ELENI KOUTSAVLIS

Sarah B. Bryan Memorial Scholarship
Roger R. Cholin Award

ANDREW LEAHY

Wells Fund Scholarship of the Prince
George's Community Foundation

ISAAC LEVENTON

Richard G. Gewain Scholarship of
Hughes Associates, Inc.

MICHAEL LOVE

RJA Group Scholarship Award

NICHOLAS MELLY

Kemper Foundation Scholarship

REBECCA MORGENSTERN

Schirmer Engineering Corporation Scholarship

TINA MYERS

Robert M. Gagnon Scholarship
Honeywell Fire Solutions Group Scholarship

STEPHEN PETIT

John L. Jablonsky Scholarship (NFPA)

JUSTIN PERRY

BFPE International Scholarship

JUSTIN SCHWARTZ

RJA Group Scholarship Award

CHRISTINE SAUER

Frank J. Fee Award

THOMAS SIMATIC

G.E. Industrial, Security Scholarship
RJA Group Scholarship Award

CHRISTOPHER SMITH

G.E. Industrial, Security Scholarship

DAVID STACY

Schirmer Engineering Corporation Scholarship

ADAM ST. JOHN

RJA Group Scholarship Award

MICHAEL TRAINOR

Wells Fund Scholarship of the Prince
George's Community Foundation

STEPHANIE WEIMER

G.E. Industrial, Security Scholarship

ANDREW WOLFE

Frank J. Fee Award

JAMES YANG

FPE Department Scholarship

THE SOCIETY OF FIRE PROTECTION ENGINEERS OUTSTANDING SENIOR AWARD, sponsored by the society's Chesapeake Chapter, presented to the department senior with the highest GPA.
AWARDED TO CHI DO

THE ROBERT J. TAYLOR ACADEMIC ACHIEVEMENT AWARD, presented by the Salamander Honor Society to the department junior with the highest GPA.
AWARDED TO ALYSON BLAIR

THE DEPARTMENT OF FIRE PROTECTION ENGINEERING CHAIR'S AWARD, presented to the department student who has made the most significant contribution during the year.
AWARDED TO THOMAS IRWIN

THE SOCIETY OF FIRE PROTECTION ENGINEERS OUTSTANDING SOPHOMORE AWARD, presented to the department sophomore with the highest GPA.
AWARDED TO JUSTIN PERRY

CLARK SCHOOL FELLOWSHIP RECIPIENTS:
Four graduate students from the Department of Fire Protection Engineering were named as *Clark School of Engineering Distinguished*

Graduate Fellowship recipients for the 2007-2008 academic year. **BRIAN DOWNEY** (M.S. program), **CHRISTOPHER W. MORAN** (M.S. program), **STEPHEN PETIT** (M.S. program)

and **YINGHUI ZHENG** (doctoral student) each received partial funding from these Clark School awards.



Department of Fire Protection Engineering 50th Anniversary History Book

We are pleased to announce that the *50th Anniversary History Book* is now available. The book is a "must have" for all graduates and friends of the department. It is a hard-cover book with over 200 glossy pages and color photographs.

We have included many photographs of the 50th Anniversary Alumni Weekend and Gala Dinner celebration held in October 2006. It contains group and individual photos of alumni, family and friends who attended the many events of that memorable and historic weekend.

Also included are rare historical photographs that did not appear in the *40th Anniversary*

History Book, so this new volume is a valuable companion to that publication. It lists the names of every person who has graduated from the Department of Fire Protection Engineering in its 50 year history and includes photos of many of these individuals, including photos from several FPE alumni reunions during the last ten years and some rare photos that will test your memory. Photographs of all FPE classes held in spring 2007 are included.

Robert Gagnon, P.E. (M.S. '95, B.S. '90), donated the editing, formatting and printing of the book. Robert is a loyal alumnus of the department and was extremely generous with

both his time and resources in his stewardship of this project to completion.

We will send a copy of this book to alumni and friends who make a minimum donation of \$50 to the department. Thanks to Robert's generosity, all proceeds from your donation will go to the department's general fund for the completion of new facilities in the J.M. Patterson Building or for purposes designated by the department. We encourage all alumni and friends to support us in this effort.

Please print an order form from our home page (www.enfp.umd.edu), make checks payable to the University of Maryland College Park Foundation, Inc., and send to the Business Office, Department of FPE, University of Maryland, 3106 J.M. Patterson Building, College Park, MD 20742.

Gifts in support of the University of Maryland and its departments are accepted and managed by the University of Maryland College Park Foundation, Inc., an affiliated 501(c)(3) organization authorized by the Board of Regents. Contributions to the University of Maryland are tax deductible as allowed by law. Please see your tax advisor for details.

Alumni News

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Department alumni have created a listserve, **TerpFPE**, to facilitate alumni communication. You may join by sending an e-mail message to TerpFPE-subscribe@yahoogroups.com.

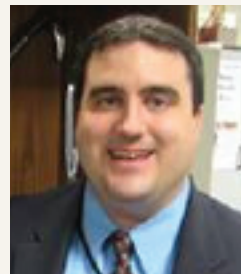
MORGAN HURLEY (M.S. '00, B.S. '90), **CHRISTOPHER JELENEWICZ** (B.S. '87), **MORIEL KAPLAN** (M.S. '07, B.S. '01), **ERICA KULIGOWSKI** (M.S. '03, B.S. '01), and **STACY (NEIDHART) WELCH** (B.S. '97) were recently featured in "Chemistry of Fire," a Fire Protection Engineering educational curriculum to be used in high school science classes throughout the country. The lesson plans were developed as a joint venture between the Department of Homeland Security, SFPE and Discovery Education. For more information, go to www.discoveryeducation.com/firechemistry.



STEPHEN KERBER (M.S. '05, B.S. '03), who currently works for NIST, received a Departmental Bronze Medal from the Department of Commerce. The Bronze Medal Award, the highest honorary recognition given by the Institute, was initiated in 1966 and is given for significant performance characterized by outstanding or significant contributions that have increased the efficiency and effectiveness of NIST. Stephen is part of the Building and Fire Research Laboratory in Gaithersburg, MD, and was recognized for his role in completing complex full-scale and live fire experiments to characterize performance of PPV and RFID systems for fire fighters.

SHAMIM RASHID-SUMAR (B.S. '00) is starting a SFPE chapter in Dubai, where she has recently relocated. If you are interested in joining, you may contact her as follows: Shamim Rashid-Sumar, Consulting

Engineer, Rolf Jensen & Associates, Inc., Green Community, Building 3/Ground Floor, Dubai Investment Park, P. O. Box 212880, Dubai, UAE (telephone 971-4-801-9270, fax 971-4-801-9101).



TOM RUFFINI, P.E. (B.S. '01), is the new HQMC I&L (LFF-1) Fire Protection and Emergency Services Program Manager with the Marine Corps. Tom worked previously for the Department of the Treasury and the Naval Facilities Engineering Command (NAVFAC). Tom is also a volunteer member of the College Park Volunteer Fire Department in Prince George's County,

Maryland. Along with a B.S. from Maryland, he holds an M.S. in Engineering Management from the George Washington University. He teaches an introductory course in emergency management as an adjunct faculty member at UMUC.

COURTNEY SCHULTZ, P.E. (B.S. '01) was recently hired as the Senior Fire Protection Engineer at Commercial Construction Consulting, Inc., in Boston, MA.

SHARE YOUR NEWS! We encourage all FPE alumni to provide us with news for future newsletters. If you have a new job, have received an award, honor or other recognition, have personal news to share, or have had an experience that may interest your fellow alums, please send an e-mail message to Robert Gagnon (robtgagnon@aol.com).

Include your name, your mailing address, your telephone and fax numbers, your e-mail address and, of course, your news. Please don't be shy—we are eager to hear from you.

Update on Undergraduate Recruiting

The success of the department's recruiting efforts is linked directly to the work of faculty, staff, students and alumni. We work together to recruit prospective undergraduates and these efforts have clearly been successful. Enrollment during 2006-2008 has steadily increased in ENFP 255, a measure that is a key predictor of our undergraduate enrollment.

During the current academic year, we have hosted four open houses for high school seniors and their parents. These 90-minute sessions included a slide show and a fire show. Our e-mail campaign reached 227 high school seniors with an expressed interest in FPE or undecided engineering and this communication led to a dramatic increase in attendance at our open houses.

The student SFPE chapter hosted an information table at the First Look Fair on McKeldin Mall in September. In November the chapter invited 204 undecided engineering students to an evening of bowling and socializing at the TerpZone in the Stamp Student Union. Christopher Jelenewicz (B.S. '87) attended and provided door

prizes courtesy of SFPE. We had excellent attendance at both events.

In October Arnaud Trouvé presented a 90-minute overview of the department to engineering freshmen in UNIV 100. Also in October, Vince Brannigan lectured on engineering ethics to all students in ENES 100, which includes most of the freshman engineering class.

André Marshall and Peter Sunderland are currently mentoring two high school students from Prince George's county schools.

This spring is another busy recruiting season, with four open houses, the Women in Engineering DREAM conference and Maryland Day. André Marshall is directing his outreach program, *The Science of Fire*, as part of his recent NSF CAREER award.

We will continue to coordinate recruitment activities to ensure our increased undergraduate enrollment and to help raise the visibility of the department. We are grateful to everyone who participates in these activities, especially our current students and alumni.

Thoughts from Sabbatical



In August 2007, I began a one-year sabbatical that is facilitating my interaction and collaboration with colleagues from across the country and around the world. My principal projects during the year are with Arup, Underwriters Laboratories, Inc. (UL), and the University of Canterbury. The project with Arup is in the area of structural fire protection, emphasizing the capabilities and applications of computer simulations of the response of structural frames to fire exposure. I worked in their San Francisco office during most of September and October 2007 and continued in their London office in February 2008. My work with UL consists of research on smoke detection. One aspect includes extracting additional insight of smoke characteristics and detector response from the "Smoke Characterization" project completed by UL last spring. The other aspect includes work with Fred Mowrer on the use of FDS to simulate incipient fires and the response of detectors. The third area of my sabbatical activity is with the University of Canterbury in Christchurch, New Zealand, and is made possible through an Erskine Fellowship offered by Canterbury. While in New Zealand, I will be working with two alumni, Charles Fleischmann (B.S. '85) and Michael Spearpoint (M.S. '99), helping out with a couple of classes and contributing to their research program. So far, all of my work during this sabbatical has been very interesting, and a welcome change of pace that will no doubt improve my courses when I return to campus in August 2008.

James A. Milke
Associate Professor and Associate Chair

Congratulations Graduates

Please join us in congratulating all our students who completed their degrees in 2007. We encourage all graduates to become active alumni.

Bachelor of Science in Fire Protection Engineering

MAY 2007

Katherine Beling	Evan Patronik
Michael Cassidy	Jeffrey Reetz
Scott Coleman	Sydonia Rehm
Michael Connolly	Thivanka Seneviratne
Nicholas Culotta	Jonathan Shriner
Jacob Deutchman	Nicholas Torre
Jeff Keslin	Ryan Travers
Mark Miller	Gabriel Velasquez
Christopher Moran	Andrew Welter

AUGUST 2007

Alexander Bobowiec	Alayna Pearson
Andrew Major	

DECEMBER 2007

Andrew Laird	Victor Ontiveros
Joshua Lambert	Christopher Thomas
Thomas Malone	Shaun Wrightson
Derek Murgatroyd	

Master of Science in Fire Protection Engineering

MAY 2007

Kathryn Allan	Jessica Kratchman
Andrew Blum	Kian Boon Lim
Mark Clayton	

AUGUST 2007

Walid Alabdulhadi	Nicholas Ozog
Alan Kouchinsky	Ning Ren
Andrew Neviackas	Jennifer Wiley

DECEMBER 2007

Moriel Kaplan	Danielle Leikach
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Doctor of Philosophy

MAY 2007

Erin Ashley	Reliability Engineering, Advisor: Dr. James A. Milke
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Call for FPE Mentors

The department regularly needs mentors to assist sophomore fire protection engineering students enrolled in ENFP 255, Special Hazards and Fire Alarm Design. Mentors should preferably be department alums, local to the Baltimore-Washington area, able to escort one or more two-student teams to a job site to inspect a project amenable to special hazards suppression and should help the team obtain reference drawings and sample specifications. If you are interested in volunteering as a mentor, please visit the department's web site for complete information (www.enfp.umd.edu) or contact Peter Sunderland (pbs@umd.edu) or Robert Gagnon (robtgagnon@aol.com), co-faculty for this course.



Clusters Naming Opportunities

We are pleased to announce six naming opportunities available in our new graduate assistant office area, located within the departmental suite of offices on the third floor of the J.M. Patterson Building. This area includes eight clusters of graduate assistant desks and work spaces. Students work, study, collaborate and interact creatively in this area. Robert Gagnon and Marino di Marzo have already taken the lead in funding the naming two of these clusters. If

you are interested in exploring such an opportunity, please contact Fred Mowrer (fmowrer@umd.edu or 301-405-3994).



**Save the Date –
Alumni Dinner in
Las Vegas**

Mark your calendars and save the date for the University of Maryland Annual Alumni Dinner at the NFPA World Safety Conference & Exposition in Las Vegas, Nevada. The dinner is scheduled for Tuesday, June 3, 2008. Check the department's web site for complete information on how to make your reservation. We look forward to seeing you there. (www.enfp.umd.edu)



A. JAMES CLARK
SCHOOL OF ENGINEERING

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