Students, faculty and staff came out in numbers to enjoy good food, volleyball and conversation at this year’s Fall picnic, sponsored by the EAA, UB Engineering and the Engineering Student Association. The picnic provided an educational opportunity as well. The Harris Corporation provided a hands-on demonstration of two of its new radios. Students learned how to use wireless email with the radios and were able to test their capabilities by communicating with them across the commons. Students also provided demonstrations of their own, including this year’s prize winning clean snowmobile.

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Datacard Chairman, UB Alumnus, Pledges $1 Million to UB School of Engineering and Applied Sciences

Global business leader and engineer Hatim A. Tyabji, chairman of Datacard Group and a Buffalo native, has pledged $1 million to the University at Buffalo in honor of his wife, Durmitta M. Tyabji.

Durmitta Tyabji and her husband are long-time supporters of the University, having given to the UB Endowment overall in excess of $18 million this year. "Our largest area of need in the campaign is for help supporting our mission in education, research, and service," said UB President William R. Greiner.

Hatim Tyabji, who earned his master's degree in electrical engineering from the University of Illinois Urbana-Champaign, said that the gift "represents a very personal statement on the paramount importance of the family." He said that his wife has "been the architect through much of my personal and professional life" and the endowed professorship is a "tribute to her lifetime-long commitment to the advancement of excellence through education."

Durmitta Tyabji is currently pursuing a doctorate in art history. "I am honored by Hatim's gift and excited by its potential for UB," she said. "Students will benefit from the research and leadership that such a professor will bring to the engineering school." Tyabji agreed. "Just as engineering blends education with application, he said, "this gift blends my business success with an opportunity to endure the future." Tyabji's gift "represents a major contribution to UB's $250 million Generation to Generation Campaign, the largest ever conducted by a public university in New York and New England. Tyabji attributed the success that he has achieved to the support of his wife and their sons, Abizer and Salim and said that the gift "is a wonderful gift that will provide even greater strength to our engineering and computer science programs as we strive for leading-edge excellence in the 21st century." Born in Bombay, India, in 1945, Tyabji came to the U.S. in 1967. He holds a bachelor's degree from the College of Engineering in Poona, India, a master's degree from UB, an MBA in international business from Syracuse University and is a graduate of the Stanford Executive Program.

Tyabji is both a corporate executive and entrepreneur. His career began at Sperry Corp, where he worked for 13 years in various management positions, last serving as president of the Information-Systems Products and Technologies Group of the merged Sperry and Burroughs organizations, which has since become Unisys Corp. From 1985-96, he was chairman, president and CEO of Verifone and in 1996 he launched Summit Integrated, a streaming data/technology firm, to drive the convergence of the Internet and wireless telecommunications. As a corporate enterprise chairman and CEO, Tyabji negotiated the sale of the company to InfoSpace.com, merging all the wireless assets of InfoCorp.com into Saricore, Inc., which he retired as chairman and CEO earlier this year. Tyabji continues to be an active business leader serving on the boards of Ariba, Real Buy, eAudience, Impreza, Infineer and SmartDak. He also serves on the Dean's Advisory Council for UB's School of Engineering and Applied Sciences. In 1996, he received the Engineering Dean's Award. The Tyabjis live in Los Altos Hills, CA.

We have held Regional Alumni dinners in Detroit, Dallas, and San Francisco, as well as in Buffalo and Rochester," stated Karwan. And "our Industry-University Day event has grown dramatically and is an ideal forum for developing relationships."

Karwan said the original campaign goal in July 1996 was $12 million, but due to early successes and momentum, was increased to $18 million this year in the campaign area of need for endowment dollars. While the UB Endowment overall is $438 million, $18 million this year. "Our largest area of need in the campaign is for help supporting our mission in education, research, and service," said UB President William R. Greiner.

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"I need a master's degree in engineering for my job as an assistant professor in Structural Engineering. But this was too far for my reach at that time. Joanne Prentiss was emphatic about organ donation and loved soccer and football. Miss Klanian graduated from Clarkson University in 1998 and received her master's degree in environmental engineering at UB via the EngiNet program.

"I live in a remote, earthquake-prone island about 3,000 miles from UB. Right after I graduated with a bachelor's degree in Civil Engineering, my dream always was to have a master's degree in structural and earthquake engineering. But this was too far for my reach at that time. Now, thanks to Enginet, my dream is coming true."

-Jose Lockhart, a civil engineer who works as a private structural designer in the Dominican Republic.

"When my employer relocated me for the third time in a two year period, I began looking for a graduate program that was flexible to the traveling business person. After talking with representatives from 50 different colleges, I found Enginet. Have you ever heard the phrase 'Seek and you shall find?' Well, I have found. Most other programs require several students at each remote site. Not Enginet. Enginet makes it possible to pursue your graduate dreams.

My favorite part is that the lecture information comes right to my door. I save time, money, and don't get stuck in traffic. What's not to like?"

-Joanne Prentiss, a GM Manufacturing Engineer in Atlanta Georgia

Enginet.. Faculty Nationally Recognized

Congratulations to Ramesh K. Shah, one of our EngiNet professors and a senior research scientist at Delphi Harrison Thermal Systems. He has been awarded the Heat Transfer Memorial Award by The American Society of Mechanical Engineers (ASME) for his significant contributions to the development of comprehensive design theories for heat exchangers, the critical assessment of worldwide literature and research in this field, and education worldwide.

Current Enginet courses and programs:

- School of Engineering and Applied Sciences:
  - MAE 542 Principles of Engineering Management II
  - CIE 531 Design and Construction of Earth Structures
  - CIE 543 Water Quality Modelling
  - ECE 617 Advanced Finite Element Methods
  - ECE 619 Structural Dynamics and Earthquake Engineering II

- Electrical Engineering:
  - EE 510 Industrial Control Systems
  - EE 540 Energy Conservation in Motor Drive Systems

- Mechanical and Aerospace Engineering:
  - MAE 522 Heat Exchanger Design
  - MAE 541 Topics In Finite Element Analysis
  - MAE 542 Engineering Applications of Computational Fluid Dynamics
  - MAE 552 Heatistic Optimization
  - MAE 510ANM Analytical Methodology

For more information and to receive course descriptions and registration materials, contact Marge Hewlett, Enginet Administrator (716) 645-2768 ext.1106 or mhewlett@eng.buffalo.edu. You may also visit us at http://www.eng.buffalo.edu/Enginet.

In Memory of Nicole Klanian

Nicole Kristen Klanian, a graduate student in the Enginet program, passed away this Fall after a lengthy battle with asthma and related illnesses. She was 25. Miss Klanian graduated from Clarkson University in 1998 with a degree in civil and environmental engineering. She was pursuing her master's degree in environmental engineering at UB via the Enginet program. Miss Klanian was a member of the Chi Epsilon and Delta Zeta organizations.

Despite a seven year battle with asthma and related illnesses, she never lost her spirit or concern for others and remained cheerful and optimistic until the end. Fiercely determined to finish her master's program, "Nikki" would watch videotapes of classes even after she became too weak to take them live.

Known for her sparkling blue eyes and friendly manner, Miss Klanian was emphatic about organ donation and loved soccer and Broadway musicals.

School Launches $18 Million Campaign

The SEAS campaign was launched as part of the overall University at Buffalo "Generation to Generation" comprehensive campaign. The goal of this campaign is $250 million. More than $125 million has been pledged across all schools and units. McMeron serves as part of the overall campaign executive committee along with Jeremy Jacobs, Sr. (SOM, 1980) William Niese (Law, 1961), Frank McGuire (SEAS, 1953), Emo Hallett Jacobi (Law, 1957), Robert Rich, Sr. (SOM, 1935). "I think our campaign in the School of Engineering and Applied Sciences is a perfect example of what we mean by our "Generations to Generation" theme," said McMeron. "Charlie Fogel and Howard Strauss were founding members of the School's faculty, and Mark Karwan is our Dean today. Charlie, Howard, and I believe strongly in Mark's leadership and his team are leading the school in areas where it needs to go."

McMeron also cited the faculty and staff of the school for special mention. "I think the work of Denny Malone and his team of Vice Chairs in the faculty and staff campaign was outstanding. They reached the more than $2.5 million goal in 1998. About $125 million has been raised and raised more than $2.6 million, with 80% of the full-time faculty giving to the campaign. It is very important that we can say to others in the campaign that all those who work at the school have been solicited and strongly supported." The campaign goal for the School of Engineering and Applied Sciences of $18 million is comprehensive and will count all types of gifts and commitments. They include: cash, pledges, equipment, deferred or planned gifts and trusts, and real estate. "And many donors have found that working with the Development professionals at the university has enabled them to take advantage of tax and estate planning that could provide a philanthropic support for the School in this campaign, and still provide for their heirs and beneficiaries," Jim McMeron continued.
The Multidisciplinary Center for Earthquake Engineering Research (MCEER) has named Michael S. Higgins, P. E., senior program officer for transportation research. Higgins will coordinate the Center's Highway Project, which is sponsored primarily by the Federal Highway Administration (FHWA).

Higgins, a graduate of UB, joins MCEER from the Civil Engineering Research Foundation (CERP) in Washington, D.C. He is also responsible for the Highway Innovative Technology Evaluation Center (HITEC). He was named CERP's "Employee of the Year" in 1998.

MCEER's Highway Project seeks to improve the seismic performance and reliability of the nation's highway system. The project involves more than 40 investigators from over 20 institutions throughout the United States. Larry C. Loi, Ph.D., Samuel P. Capen Professor of Engineering and director of MCEER, serves as project director.

The Center's activities are tied together and should include the Alumni database, co-ops. The Council noted that the databases in Career Planning and Placement. The numerous career records in technology development.

The University at Buffalo has joined a new alliance of upstate New York education, industry and government partners that aims to bring research and technology from small companies to mid-size upstate companies and to create 1-15 new firms in the region, including spin-offs from its partners' research.

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1949
Chauncey Weissman (1949 BS ME) is proud to announce that he has celebrated his 87th birthday and 65th wedding anniversary in June 2000.

1950s
William J. Atkins (1952 EE) has retired from the Defense Department and is a volunteer counselor for SCORE (Service Corps of Retired Executives) with small businesses.

Carl H. Baur (1959 ME) was appointed director of engineering at Cooper Turbocompressor in Cheektowaga, NY, in 1959.

Anthony J. Chimeria (1952 BS EE, 1959 ME) is retired from GA Tech Research Institute with Lockheed Martin on F22 programs.

Horst W. Klausmann (1953 BS ME) is retired but is a consultant at General Electric Co., Lynn, MA.

Philip H. Meldrum (1950 BS EE) retired on June 1999 after 23 years at Bates College plant engineer. He is still working part-time on a few projects.

Richard F. Schneeburger (1950 BS EE) has been retired from Calpine Corp. since 1999 where he worked from 1953-1990 and before that at Wurlitzer from 1950 to 1953.

Warren O. Young (1954 BS EE) is employed by Lexis-Nexis in Washington, D.C., developing knowledge management programs.

1960s
Debney G. Arnold (1960 BS EE) is retired. He is an independent consultant for computer applications in small businesses and non-profit organizations.

David G. Conlin (1965 BS CE) has been elected to the Board of Directors of the American Society of Civil Engineers (ASCE), and a Board Member from 1978-1980.

Lance E. Robson (1964 BS EE, 1966 MS EE) is director of President of Engineering at Cannon Design in St. Louis, MO for 23 years.

Fred A. Jacobowitz (1975 BS EE) is Canadian manager for CryoLife Inc., a medical device company where he worked from 1953-1990 and before that at Wurlitzer from 1950 to 1953.

Anthony V. Lyons (1977 BS CE, 1981 MS CE) has been promoted to director of Paper Technology Development at IMERYS, Inc.

Timothy A. Meterko (1971 BS CE, 1990 MBA) has been with Occidental Chemical in Niagara Falls, NY. He is currently responsible for outsourcing process development and manufacturing for OxyChem’s Specialty Business Group.

James S. Moe (1970 BS ME) is new executive director of information systems at Cliftair in Dallas.

Daniel C. Oliverio (1978 BS ECE) has earned his MBA and Juris Doctor degrees from UB. He is a partner in Hodgson, Bux, Andrews, Woods & Goodwin, LLP in Buffalo, NY. He is also a member of the Board of the UB Business Alliance and The Center for Industrial Effectiveness.

Lawrence N. Segal (1973 BS, 1976 MS EE, 1979 PhD CE) is currently a member of the research staff at MIT Lincoln Laboratory.

Ronald J. Watson (1970 BS CE) is president of R. J. Watson, Inc. which is a manufacturer of mobile hydraulic equipment related to load holding valves and control logic.

George R. Neuner (1965 BS CE) has been elected president of the American Association of Patent Law Firms. He is a partner in the firm of Dole Bennett Roberts & Cushman, Boston, MA.

Peter S. Pawlak (1965 BS AER, 1967 MS, 1970 PhD AER) is chairman of the Technology Department at SUNY College at Buffalo.

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Delta Society Members*

[Partial list of names and locations]

Dean’s Associates $300 to $999

[Partial list of names and locations]

Scholars’ Society $250 to $499

[Partial list of names and locations]

Eian Shallom ’83 and Edie L. ’83 Apai, W. Hampstead, MA
James A. ’72 and Gail A. ‘72 Alcott, Glennmore, PA
Farhat Ali, Suntoga, CA
Nisar B. Amin ’96, Bear, DE
Mark J. Azzaro ’80, Bridgeton, NJ
John Baker ’82, Houston, TX

Reunion Weekend

Engineering alumni from the Classes of 1950, 1975, 1990 and the Decade of the 90’s gathered at the Alumni Holiday Inn on October 20th to celebrate the anniversaries of their graduation.

The evening began with a separate social hour to honor the Class of 1950 and then a combined social hour for all who attended.

EAA Past President Peter Bloechl (CIE 68, 70) offered a toast to each class prior to dinner. Following a most enjoyable meal, Dean Mark H. Karwan welcomed all in attendance and spoke about the future direction of the School of Engineering and Applied Sciences.

Past Recipients of the EAA Engineer-of-the-Year Award

1989 Frank Notaro, PE ME ’57, MS ’67
1990 Wilson Greatbatch, PE EE MS ’56
1991 Howard Simon, PE ME MS ’54
1992 Thomas Canty, PE ME ’77
1993 James W. McLeer, PE PE ’50
1993-4 Ralph F. Abate, PE C’E 68, 69
1994 James E. Stevens, Ph.D. CE ’96
1995 Charles G. Rader, Ph.D. CE ’74
1996 Charles M. Fogel, Honorary Alumnus
1997 James F. May, PE ME 49
1998 Anthony L. Russo, PE ME Ph.D. ’69
1999 George A. Giotta, IE 49

EAA Honored 2000 Engineer-of-the-Year Award: Frank Notaro

senior foundation and design engineer. Subsequently, he served as a chief geotechnical engineer for Thomsen Associates/Empire Soil Investigations; and managed GZA GeoEnvironmental Technologies, Inc. (a publicly owned company) New York operations where he rose to the position of principal and served on the company’s board of directors over a 13 year period. Currently, he is a consulting engineer and works part time as an assistant professor at Erie Community College, Department of Engineering Science.

During his career, Reing has provided geotechnical and/or environmental engineering services involving investigation, analysis, design, and construction for over 500 projects in New York. He has also published technical papers, made presentations to professional groups and clients, and conducted loss prevention and technical training to peers. Reing has been very active in professional organizations at both the national and regional levels throughout his career. He is a member and past president of the American Society of Civil Engineers Buffalo Section (ASCE) and is a member of the National Society of Professional Engineers.

Within professional circles, he is well known for his tireless efforts to recruit and organize volunteers to help introduce and inspire young people about engineering. He conceived, developed and ran “Engineering Expressions” (1990) for ASCE. The purpose of the program is to introduce children, 10 to 12 years old, to engineering principles through a series of hands-on workshops. Since its beginning, the program has been presented to over 4,200 children in Western New York. Over the past year, he has volunteered his time to develop and run another program called “Engineering Opportunities” for the Technical Societies Council of the Niagara Frontier. This is a resource program for high school students interested in engineering. He is a volunteer for Future City Competition, National Engineers Week Mall Day, and the BEAM Summer Pre-College Program.

SPEAKERS WANTED!!

Students often ask if UB Engineering Alumni are available to speak at club meetings and events. In order to meet this need, the Engineering Alumni Association is seeking volunteers to become part of a “speakers’ pool” from which clubs can arrange speaking engagements. Volunteers need to have indicated their areas of expertise and clients. To be considered, one must be willing to assume some responsibility for scheduling and preparation.

If you are interested in participating in this program, please contact the Engineering Alumni Association.
I am pleased and honored to serve as your President this year. Over the past several years I have had the opportunity to meet many of you from the “old timers” from the early years of UB Engineering to recent graduates and students. One thing which all 18,000 of us over the past 55 years have in common is that we are all UB Engineers! This is an accomplishment which we can individually and collectively be proud of whether we studied in Parker Hall or Jarvis Hall, whether we used a slide rule or a personal computer, or whether we became Civil, Industrial, Mechanical, Nuclear, Aerospace, Computer, Chemical or Industrial Engineers. Each of us has a place in the history of UB Engineering.

The Year 2001 presents us with the opportunity to “give something back” to our School of Engineering and often gives an opportunity to have some fun. In this light, I ask you to:

• Become a member of the UB Engineering Alumni Association.

Your dues are well spent to provide high quality events and to support student functions.

• Ask a friend or colleague to become a member.

Recruit a UB Engineer to work with you.

• Consider giving to our UB Engineering Alumni Association Scholarship Fund. We are constantly impressed by the quality of students who apply and their willingness to receive our support.

• Join us at a social or sporting event, or volunteer your time to address a group of students.

• Visit the UB Campus and the School of Engineering.

• Join us at a social or sporting event, or volunteer your time to address a group of students.

Our traditional program events has proven successful. This includes the annual reunion dinner; tailgate party and football event, basketball event, and partnership with the Dean’s Scholarship Awards event. Support of student activities and awarding of scholarships has never been stronger.

We continue to look for ways to make our program even more successful and build your dinner, tailgate party and football event, basketball event, and partnership with the Dean’s of Directors...
Charles Stickle, ready for the dive.
Veronica Lievescu was awarded second place in the Biomedical Engineering Division Student Paper Competition at the Masters level held at this year’s ASME International Mechanical Engineering Congress and Exposition. The second place award includes a certificate, a cash award, and reimbursement for expenses incurred traveling to the conference. Veronica’s paper deals with PIV measurements in a model of a human aortic aneurysm.

Joseph M. Moritz (CE ’00) was selected as one of the 35 Tau Beta Pi Fellows for 2000-01, all of whom receive extensive financial aid for a year of advanced study. Moritz was at the top of an engineering class of more than 500 students and was the president of Tau Beta Pi’s New York Chapter at UB. He is interested in advanced programs that focus on the biochemical/biomedical aspect of his major, particularly the application of MT of polymeric materials to the design of new tissue scaffolds and drug release devices, and hopes to continue this research in an academic setting.

Yan Sharker, a freshman computer science and engineering major, was awarded a highly competitive Energy Research Undergraduate Laboratory Fellowship from the U.S. Department of Energy (DOE). Sharker will conduct his research at the Oak Ridge National Laboratory (ORNL), one of 11 DOE sites participating in the fellowship program. He will work with Stephen Scott in ORNL’s Computer Science and Mathematics Division developing new software programs for three-dimensional computer visualization that will run on advanced parallel computers.

Chang Hyon Suh, an undergraduate student in EE and Warren Sarwareanu, a graduate student in CSE, were both awarded Motorola Scholarships in the amount of $1,150. The Year 2000 Graduate Research Scholarship, presented in honor of professor David M. Benenson, was awarded to three graduate students: Georgios Karystinos, a Ph.D. candidate researching wireless multiple access communications and statistical signal processing; Ioannis Psaromiligkos, a Ph.D. candidate working on research in communications; and Zhongyang Yuan, an M.S. candidate researching software methodologies. The awards were given in recognition of their productive research during their graduate studies. Each student received $500 and a certificate.

Five students in the School of Engineering and Applied Sciences have been awarded the Grace W. Caper Academic Award by the Women’s Club at UB. They are Scott M. Ferguson (MAE), Anthony J. Guerta (CSE), Heichi (Gigi) Lo (CSE), Raine M. Vane (CSE) and Carolyn M. Zielinski (MAE).

Bullmobile Finishes Strong at Nationals

A team of students representing the University at Buffalo took third place in the annual Chem-E-Car Competition hosted by the American Institute of Chemical Engineers.

The competition took place at the AIChE’s national convention held in Los Angeles this past November. UB’s entry, the Bullmobile, competed against eleven other teams from around the nation. The UB team gained the right to participate in the nationals by winning the AIChE’s regional match that was hosted by the university last spring.

The competition stipulated that a car, powered solely by a chemical reaction and designed within certain criteria, was to travel a given distance while carrying a given load. The distance and load were randomly determined within preset ranges just prior to the start of the competition. Teams were also judged by a poster presentation and the safety merits of each entry.

Ronald M. Yue, a senior mechanical engineering major, was awarded a highly competitive Energy Research Undergraduate Laboratory Fellowship from the U.S. Department of Energy (DOE). Yue, an undergraduate student in EE, and Warren Sarwareanu, a graduate student in CSE, were both awarded Motorola Scholarships in the amount of $1,150. Yue was in honor of professor David M. Benenson, was awarded to three graduate students: Georgios Karystinos, a Ph.D. candidate researching wireless multiple access communications and statistical signal processing; Ioannis Psaromiligkos, a Ph.D. candidate working on research in communications; and Zhongyang Yuan, an M.S. candidate researching software methodologies. The awards were given in recognition of their productive research during their graduate studies. Each student received $500 and a certificate.

Five students in the School of Engineering and Applied Sciences have been awarded the Grace W. Caper Academic Award by the Women’s Club at UB. They are Scott M. Ferguson (MAE), Anthony J. Guerta (CSE), Heichi (Gigi) Lo (CSE), Raine M. Vane (CSE) and Carolyn M. Zielinski (MAE).

Bullmobile Finishes Strong at Nationals

A team of students representing the University at Buffalo took third place in the annual Chem-E-Car Competition hosted by the American Institute of Chemical Engineers.

The competition took place at the AIChE’s national convention held in Los Angeles this past November. UB’s entry, the Bullmobile, competed against eleven other teams from around the nation. The UB team gained the right to participate in the nationals by winning the AIChE’s regional match that was hosted by the university last spring.

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Corporations, Foundations, and Organizations (Includes Matching Gifts)

$30,000 and up

American Axle & Manufacturing, Inc.
FundaSoft Corporation
Technico Ventures LLC

$50,000 to $99,999

Alcatel USA, Inc.
American Chemical Society
Community Foundation for Greater Buffalo
Computer Analysis Plus
E.I. DuPont, De Nemours & Co.

$2,500 to $4,999

International Imaging Materials
Institute
ISPNO
Kettering University
RX Systems, Inc.
United Parcel Service of America, Inc.

$25,000 to $49,999

American Institute of Steel Construction, Inc.
American Precision Industries
Bethlehem Steel Foundation
Dopkins and Company, LLP
Fishier-Fisher
Flasher Handling

$1,000 to $2,499

ASK: Education Foundation
American Heart Association
Arts & Science Foundation
Atlanta Technology Network
Carleton Technologies, Inc.
Electronic Data Systems
Ergonomics Research, Inc.

$5,000 to $9,999

Avery Dennison Corporation
General Mills Foundation
IBM International Foundation

$1,000 to $4,999

Andersen Consulting
Ashland Inc. Foundation
The Boeing Company
Borg-Warner Foundation, Inc.

$100,000 and up

Buick Mobile
Century Club


UB Grad Wins Karl U. Smith Award

Caren Wenner (Ph.D., IE 00) was awarded the Karl U. Smith Award for best paper from a dissertation at the tri-annual meeting of the International Ergonomics Association (IEA) held last July.

Wenner's dissertation was on human factors. The paper entitled "The Role of Instructions in the Performance of Aircraft Inspection Tasks," addressed how people use written instructions to help structure their work, and perform their assigned tasks. The award is named for Karl U. Smith, a major figure in human factors. It was presented in his honor by the past and current presidents of the IEA, Martin Helander and Ian Noy, respectively. Thomas, was on hand at the presentation and congratulated Wenner afterwards.

Wenner currently works at Sandia National Laboratory, where he is a senior member of the technical staff in the Department of Statistics and Human Factors. Much of her work supports research efforts by the Federal Aviation Administration, although she is also involved in several other projects at the lab.
We at the School of Engineering and Applied Sciences feel a deep sense of pride in the accomplishments of our alumni. In our ongoing efforts to learn and know more of them, we wanted to feature the following group as a sampling of UB SEAS Alumni who founded or co-founded a private or public company or corporation. If you have been omitted, please give us a call at 716-645-2133, Ext. 1226.

Russell L. Agrusa ’76 EE
CEO & President
Foxboro, MA

Chandra K. Bhansali ’80 Eng
President
Micro Vision Software, Inc.
Huntington, WV

Nicholas D. Chang ’65 EE
President & Chairman
Dytran Instruments, Inc.
Chatsworth, CA

Mark A. Corio ’83 EE
President
Rochester MicroSystems, Inc.
Rochester, NY

Nikhil Dawkala ’91 EE & CSE
Submicron Design & Test Solutions Group
Austin, TX

John R. Davis, Jr. ’55 EE
President
I Squared R Heating Element Co. Inc.
Akron, NY

A. James Dearlove ’69 MAE
President and CEO
Penn Virginia Corporation
Badnor, PA

David A. Donatello ’90 MAE
President
Rail Development Group
Rush, NY

George Giottis ’49 IE
President
Flasher Handling
Depew, NY

James Glaflhy ’73 CIE
President
Pioneer Chlor Alkali
Fairport, NY

Wilson Greathatch ’56 EE
President (Retired)
Wilson Greathatch, Ltd.
Clarence, NY

Scott Hassan ’92 CSE
Co-founder & former VP of Engineering
EGroup.com
San Francisco, CA

Daniel P. Kaegebeln ’62 EE
President (Retired)
TXRX Systems, Inc.
Angola, NY

Peter G. Kelly ’80 MAE
President
Competition Data Systems, Inc.
Williamsville, NY

Timothy J. Klein ’84 EE
President, CEO, & Co-Founder
ATTO Technology, Inc.
Amherst, NY

Krishna S. Kolluri ’88 IE
Vice President & GM
Healthtec/WEB MD
Santa Clara, CA

Hratch Kouyoumjian ’70 CIE
President
Hratch Kouyoumjian & Associates
San Francisco, CA

Karl Kostusiski ’60 EE
CEO & President
Detection Systems, Inc.
Fairport, NY

This year has seen an exceptional number of retirees from SEAS. We would like to wish the following people well in their future endeavors.

Harry Delano retired from the Department of Computer Science and Engineering after 20 years of service as director of labs for the department. Harry is now active in Distributed Computing Consultants at UB, aiming to enhance service by broadening communication and blurring traditional organizational boundaries. He now consults with high tech companies in Buffalo and Austin, TX.

Pat Doeing retired after many years with the school’s Office of External Affairs. She was heavily involved in supporting alumni activities, working with student groups, hosting special events and conferences and assisting the Buffalo area Engineering Awareness for Minotrioles (BEAM).

William George has had a distinguished research and teaching career with the Department of Mechanical and Aerospace Engineering since 1976. He was also the director of the Center for Thermal/Fluids Engineering and the Turbulence Research Laboratory at UB.

Carolyn McLennan retired from Node Services after many years of service to the university. After working in the Computer Center and Library Computing, she ended her career at Node Services as an instructor Support Specialist, specializing in Mac and PC support. She also ran the engineering internsh.

Dale Meredith was a professor in the Department of Civil, Structural and Environmental Engineering. He was distinguished for his service to the profession by ASCE for founding the Journal of Water Resources Planning and Management and for services as chair of the executive committee of the Water Resources Planning and Management division of ASCE. He also received a certificate of commendation from the National Association of State Universities and Land Grant Colleges for lifetime achievement.

Dinah Rosenbacher has been a senior academic advisor in SEAS for a number of years. She advised under-graduate transfers and helped prepare each semester’s schedule of undergraduate courses.

Gail Taggart came to SEAS in 1966 and worked in Student Services as a keyboard specialist and flow sheet evaluator.

Thomas Weber is one of the founding fathers of the Chemical Engineering Department, which he served for 37 years. During that time he taught almost all of the department’s 1400 alumni at one time or another. He has served the department in a number of other capacities, including chair. He is well-known for his service to ASCE.

Darold C. Wobschall retired after 33 years of distinguished services to the university. He is a well-respected expert of electronic instrumentation and a leader in electrical engineering education. He is the founder of Sensor Plus, Inc. and President of Easens, Inc.
Dr. Doug Hopkins, research associate professor in the Department of Electrical Engineering at UB, served as chairman for the International Workshop on Integrated Packaging (IWIP) held last July in Waltham Massachusetts. 46 representatives from more than eleven countries attended the conference. Hopkins and past Chairman Dr. Krishna Shenai of the University of Illinois at Chicago began the first day with a two-part course on “Power Electronics Packaging—A Systems Perspective,” in which they covered the latest technologies for packaging levels one through three. Sarjeant presented the lead paper for the second day of sessions, entitled “A Report on Packaging Implications of Advances in Capacitor Technologies.” The workshop received technical sponsorship from the Energy Systems Institute, through which Hopkins is affiliated as an Institute Fellow and Research Associate Professor.

Chuming Qiao, associate professor in the Department of Computer Science and Engineering, has been appointed the Editor-at-Large of IEEE’s Communication Society (ComSoc) in the area of optical networks.

Dr. Shambu Upadhyaya, professor in the Department of Computer Science and Engineering, was made an IBM Faculty Fellow this year, a highly prestigious recognition that comes with a $40,000 research award. IBM has supplemented this faculty development, it “represents the university’s continuing commitment to supporting faculty engagement in the integration of IT into the rapidly evolving academic learning environment.”

Five members of the SEAS faculty have won education technology grants to help develop information technology in the classroom for 2000-2001. The grants are for proposals geared specifically towards introductory-level courses that would help further access to the computer access initiative, now embarking on its second year. The program is sponsored by the Office of the Senior Vice Provost for Educational Technologies.

The awardees from SEAS are:

- Carl R.F. Lund, professor of computer science and engineering: $35,000, which Upadhyaya installed in the new Electronic Test Design Automation Lab, also sponsored by IBM. Upadhyaya also moderated a panel entitled “Integrating Fault Tolerance and Security into Embedded Systems” at the 19th IEEE Symposium on Reliable Distributed Systems, held in Nuernberg, Germany last October. He was also the chair of this symposium.
- Tanujraj Singh, associate professor in the Department of Mechanical Engineering, spent part of his sabbatical at the IBM Almeden Research Center in San Jose, CA where he conducted the first hard disk drive was invented. He is involved in the design of feedforward controllers for accessing data in a time-optimal way while minimizing the vibration of the read/write head. This work is central to the disk drive industry’s goal of 100 Gb/in² storage density over the next two years.
- Lawrence J. Lukis ’74 EE, Co-founder & Chief Technical Officer LaserMaster Technologies, Eden Prairie, MN.
- Brian M. Maoud ’89 EE, President, Advance 2000, Inc., Buffalo, NY.
- James F. May ’49 ME, President (retired), Oakgrove Construction Company, Elma, NY.

Frank J. McGuire ’53 EE, Chairman, The McGuire Group, Buffalo, NY.

Alan J. Moorman ’63 EE, President, Integrated Technologies, Inc. Mentor, OH.

Hirosi Morihara ’71 MA, President, VIA Press, Inc., Gresham, OR.

Purnendu Ojha ’89 IE, Chairman & CEO NEXTAG.com San Mateo, CA.

Lawrence L. Peckham ’69 IE, Founder & former CEO LPA Software, Fairport, NY.
The complaints of many Florida voters about the ballots used in this year's presidential election has left many state legislators searching for ways to improve the voting procedure. One way the state could improve the election process is by using digital voting machines instead of paper ballots. This new technology would allow for easier and more accurate counting of votes, as well as being able to store the results on computer servers for easy retrieval.

To estimate the number of votes cast in each precinct, the results from digital voting machines can be compared with the results from traditional paper ballots. By analyzing the data from these two sources, one can determine the accuracy of the digital voting machines and make necessary adjustments to improve their performance.

The use of digital voting machines also has other benefits. For instance, it can reduce the chances of voter fraud and ensure that every vote is counted. Additionally, it can help to reduce wait times at polling stations and make it easier for people with disabilities to participate in the electoral process.

In conclusion, the use of digital voting machines can be a solution to improve the voting process in Florida. By using this technology, the state can ensure that every vote is counted accurately and fairly, which is essential for maintaining the integrity of the democratic process.