immediately vaulted Corley's company in 1996 into eighth place on the BE 100s, *Black Enterprise* magazine's annual list of the 100 largest black-owned businesses in the United States in terms of sales.

He has since sold his share of CCA, and "LM Capital is currently working to raise capital for a number of companies, and it participated in over $500 million in securities offerings in the last six months," says Corley. "We are also arranging over $50 million for a 10,000-seat arena in downtown West Palm Beach." In addition to his duties as board chairman for this sports complex, he also serves on the boards of directors for the Business Development Board and the Economic Council of Palm Beach County and is an executive committee member of the Palm Beach Criminal Justice Commission.

In February 1999, Corley received public acknowledgment for his contributions to the community from JM Family Enterprises and Southeast Toyota Distributors (JMFE/SET) when he was given the African-American Achiever Award for "Entrepreneurism." This program, which began seven years ago, is the largest African-American awards program in Florida that honors individuals who make a difference in their communities.

AAE Graduate First to Enter Medical Scholars Program

Chet Hammill, '96, has been accepted to the University of Illinois Medical Scholars Program, making him the first person from the AAE Department to be so enrolled. According to Hammill, the combined medical and AAE doctoral degree will take six to seven years to complete. He will conduct research into advanced life support: "I wanted to work in (this) field . . ., which supports crews on projects like the new space station or a flight to Mars. In order to participate in this field, I felt I needed a biological background in addition to my aerospace engineering background."

Hammill joins 179 others currently enrolled in the program. In addition to their clinical studies, Medical Scholars simultaneously pursue doctorates in the humanities, social sciences, physical sciences, engineering, or biomedical sciences. The College of Medicine initiated the program in 1978 in recognition of the need for specialized training to produce physicians capable of responding to the changes brought about by the rapid advances in science and technology in today's society.

Get in Touch via AAE's New Chat Room

Alumni now have another means to maintain a link with the AAE Department. A Yahoo! club was set up recently for current students and alumni to keep in touch with each other. The club allows members to chat with each other and to post messages and pictures. The club can be accessed at the AAE home page on the Web (http://www.aae.uiuc.edu) via the Bulletin Board.

islands of New Zealand and averages about 9,000 miles per year on his bike. He has made several transcontinental rides in the United States, and his personal record is 215 miles in a single day in west Texas "with a large tail wind."

Rodney Jacobs, '62, is the new president of Wells Fargo & Company and its primary subsidiary, Wells Fargo Bank. Before being elected to this position, Jacobs was the company's vice chairman and chief financial officer, a position he had held since 1991. He joined Wells Fargo Bank in 1979. Early in his career, he worked for Lockheed Missiles and Space Company in California, and he taught economics at the University of California-Los Angeles.

Marvin Kempf, '61, is currently working at Learjet in the stress group. He retired from Beech Aircraft after 22 years with that company. He has also worked for Boeing, Aero Commanders, and Bell Helicopter.

Kenneth G. Miller, '61, volunteers his time to Habitat for Humanity since his retirement in 1992. He worked as a stress analyst for Boeing in Washington State and Lockheed in Georgia and is also a retired major of the U.S. Air Force Reserve. Currently, he is project manager for the Cobb County, Ga., Habitat for Humanity and co-chairman of its construction committee.

Richard Ollila, '60, is the marketing and sales person for Transmet, which he joined in 1995 after he took early retirement from Battelle. Transmet produces aluminum and other metal particulates for a variety of applications. Ollila reports that his wife, Nancy, teaches grade school in Ohio. His son, David, is a surgical oncologist at the University of North Carolina Medical Center in Chapel Hill and his daughter, Karen, who graduated from the U of I in 1998 with a degree in veterinary medicine, is an intern in Washington, D.C.

Rudy Yurkovich, '67, MS '68, was elected a fellow of the American Institute of Aeronautics and Astro-

nautics (AIAA) for his more than 30 years of contributions to the field of aeroelasticity as well as his service to AIAA. Yurkovich is a manager of engineering at Boeing-St. Louis. He is also a Boeing Technical Fellow.

1970s

P. Barry Butler, '79, is the new associate dean for academic programs in the College of Engineering at the University of Iowa. He is also a professor of mechanical engineering.

Mike Davis, '76, is a portfolio manager for Van Kampen Funds, a mutual fund organization owned by Morgan Stanley. Davis writes: "While I don't directly use my AAE skills, I think my engineering training at the U of I was great at improving my analytical skills no matter what one does."

Harold Kerzner, MS '70, PhD '72, is senior executive director of the International Institute for Learning and professor of systems management at Baldwin-Wallace College in Berea, Ohio. The institute, with headquarters in New York City, provides executive training and development programs, interactive satellite broadcasts and seminars, and customized on-site consulting. Kerzner is an industry authority on project management.

John V. May, '72, was recently named as treasurer of the Furon Co., Laguna Niguel, Calif. Before being appointed treasurer, May served as director of treasury operations for Furon, which manufactures engineered polymer components for both the industrial and health care markets.

William (Bill) Moore, '74, MS '79, and his wife Mary are proud parents to Kevin James, born September 29, 1998. Kevin is their first child, and Moore says he's undergoing the rite of passage of all first-time parents, namely, lack of sleep. He is the program director, F/A-18 New Business Group, at Northrop Grumman.

Scott S. Pickard, '72, is vice president for The Aberdeen Group. He is the managing director of Aberdeen's Construction SuperNetwork, a large-content Web site for the construction industry.

Carol Reukauf (née Bauer), '73, is a project manager at NASA Dryden, Edwards, Calif. She reports that she has successfully completed the Eclipse flight project, a cooperative effort with the U.S. Air Force, NASA, and Kelly Space and Technology, which teamed up to demonstrate towing a delta-winged airplane (F-106) with a transport airplane (C-141).

William Walters, PhD '72, was on campus May 4, 1998, to give a joint AAE/NCSA (National Center for Supercomputing Applications) seminar on the hypervelocity impacts of shaped charges. These charges are used extensively in the petroleum industry and in mining and the military. Walters is a general research engineer at the Army Research Laboratory, Aberdeen Proving Ground, Md., where he leads a

Dennis Reside, '75, is the test engineer for the Comanche RAH-66 program, part of the Comanche Program Manager's Office for the U.S. Army. He is based at the Redstone Arsenal, Ala. The Comanche is a developmental, stealthy aircraft due to be fielded in 2007. It will replace Vietnam-era helicopters and will complement the AH-64 Apache.

The Comanche RAH-66, a stealthy helicopter being developed for the U.S. Army.

Craig Sutter, '71, a high school physics teacher at Rolling Meadows High School, Ill., spends his time racing cars when he's not in school. Sutter, who says that he has "always been fascinated with the sport," enrolled in a Skip Barber racing school in 1987 and this experience "aroused an interest in trying to actually learn to drive well." Four years later, he ran his first race. A few races each season has gradually turned into a full schedule: in 1998, he ran 14 races at various courses around the country. Sutter and other hopefuls rent race cars for the weekend, in an "arrive and drive" arrangement.

Craig Sutter at a racetrack at Laguna Seca, Calif.

ALUMNI SPOTLIGHT

Alum Uses Aeronautics Insight to Build Copy of Chanute's Biplane

Paul Dees, '81, MS '83, works as an aerodynamicist for Boeing on the NASA high-speed research contract. "We have been working on a Mach 2.4, 300-passenger, next-generation SST (space shuttle transport), and I have been involved in configuration trade studies and computational fluid dynamics investigations for propulsion integration." He was also involved in the aero design of the next-generation 737, which resulted in a pending patent. Dees reports that as a hobby, he decided to build a replica of Octave Chanute's biplane glider design of 1896–97. "Chanute was a major encourager to the Wright brothers during their experiments," he said. "The historical research and design engineering (mainly aero and structural load testing) took a year before I began construction. I had to both design and build the replica from scratch because historical information was limited," Dees said. "I made two brief flights in it at Warren Dunes in Michigan in July 1996. The glider is very crude by today's standards. My 24 years of hang-gliding experience told me to use extreme caution flying it because of a very high stall speed and unknown handling qualities." The Chanute replica is now on display at the Seattle Museum of Flight, and his project was written up in *Hang Gliding* magazine and the Experimental Aircraft Association's *Experimenter* magazine.

Photo by Susan Dees

team of engineers and scientists engaged in the analytical and experimental aspects of terminal ballistics.

1980s

Scott Altman, '81, was the grand marshall of the 1998 Illinois State Fair Twilight Parade. He was honored for his achievements in the space program, especially for piloting the STS-90 Neurolab shuttle mission in spring 1998. Altman was one of seven astronauts during this 16-day mission. The astronauts conducted medical research into a range of responses by the nervous systems of humans and animals to space travel. Altman received one of AAE's three Distinguished Alumnus Awards in 1999 (see related story this issue).

Lee J. Archambault, '82, MS '84, was 1 of 25 candidates chosen to the astronaut class of 1998. After a year of training and evaluation at the Johnson Space Center, Houston, Tex., he will receive a technical assignment within the Astronaut Office before receiving a space flight assignment. Archambault, a major in the U.S. Air Force, was an F-16 test pilot based at Eglin Air Force Base, Fla.

Michael Birdsong, '86, says he has "found his niche" at a small company in Boulder, Colo., where he writes embedded software in "C" for Internet and computer network routers. He previously worked at the National Oceanic and Atmospheric Administration and Ball Aerospace, both in Boulder, and at McDonnell-Douglas.

Michael J. Carney, '83, was recently designated a naval flight officer while serving with Training Squadron 86 at the Naval Air Station, Pensacola, Fla. He was presented with the wings of gold, which marked the end of 18 months of flight training. Carney joined the Marine Corps after his graduation.

Doug Catlett, '87, has a new daughter, Shannon. After working at Lockheed-Houston, he is now a loan consultant to a mortgage company in the Chicago area.

Ron Clifton, '85, MS '87, reports the birth of his second child, Emma Josephine. Clifton is with the Virginia office of The Aerospace Corporation.

James Fletcher, '87, is a mechanical engineer with the Naval Warfare Assessment Station, Corona, Calif. He is part of an independent assessment agency for the U.S. Navy. "We perform evaluations of entire quality systems of contractors and subcontractors of the Trident II missile. We determine compliance to the navy quality regulations."

Joseph Fuehne, '83, recently accepted a job as a senior project engineer with Arvin Exhaust North America in Columbus, Ind. Fuehne's wife, Gail, is also employed with Arvin as a senior test engineer.

Ronald Golembiewski, '89, is currently manager of engineering services at Amsted Industries International, the division that facilitates the marketing of its

parent company's railroad products throughout the world. Golembiewski and his wife Jennifer reside in Chicago.

William G. Heckathorn, PhD '85, has retired from the U.S. Air Force after a 28-year career. During that time, he has been a B-52 navigator; program manager for the C-17 and NAVSTAR GPS; director, Advanced Weapons and Survivability at Phillips Laboratory; and deputy director of the Directed Energy Directorate. Heckathorn received AAE's Outstanding Recent Alumnus award in 1992.

Kerry Hicks, '85, and his wife Juanita have named their first child Nikolai Curtis. He was born on December 10, 1997.

Thomas Hoffelder II, '88, and his wife Jayna Legg announce the birth of Jessica Leeann, born May 12, 1997. Hoffelder is a manufacturing engineer with General Binding Corp. in Northbrook, Ill., and his wife is a captain in the Illinois National Guard and a reporter for *The Courier-News* in Elgin. They live in Algonquin, Ill.

James Marks Keller, '86, married Erin Kimberley Lynch on August 29, 1998, in Evanston, Ill. The couple reside in Laguna Beach, Calif.

Catherine Koerner (née Larson), '87, MS '89, was promoted recently as the leader for the Shuttle Propulsion Systems Group at NASA. In spring 1998, she was certified to work as a flight controller for propulsion systems in the ascent phase of a shuttle mission. Larson is married to Steve Koerner, an engineer who also works for NASA. She also reports that **Bruce Powers** (MS '99) has "settled in nicely" at her branch.

Toby B. Martin, '89, MS '91, is employed in the Automation, Robotics, and Simulation Division at NASA's Johnson Space Center, Houston, Tex.

Gerald Miller, '83, works at NASA's Johnson Space Center and has been in charge of training

Pillutla Narasimha Murthy, PhD '61

Very few children can claim that as teenagers they were fighting for their country but Pillutla Narasimha Murthy can. At 14, Murthy spent a week in jail for daring to stand up for his country's right to rule itself at a time when India was part of a vast British Empire. "Even now, the feeling of elevation comes to me on recall of those thoughts," said the 70-year-old aeronautical engineer and freedom fighter of that episode more than 50 years ago.

P. N. Murthy (as he is usually known) was born in Andhra Pradesh, a state in southeastern India, into a Brahmin family that greatly valued education and a profession. He welcomed the chance for reflection when contacted for this profile: "When I look back (on the last 50 years), I noticed that my life ran parallel to the development of technical education in general and aeronautical engineering in particular, in India."

When he was ready to enter college, he could not attend a state school because of a governmental affirmative order that restricted entry for Brahmins. "This is a legacy of . . . reforms introduced by the British in their divide and rule policy," Murthy explained. Instead, he attended a private university, from which he graduated in 1949 with a bachelor's degree in mechanical engineering. He credits his mother, who "in spite of being illiterate," encouraged him to pursue postgraduate work. "Can you imagine that I was the first postgraduate in engineering in all our families!"

Murthy came to the University of Illinois in August 1959 on a U.S. government fellowship to work on a doctorate. "Professor Harry Hilton was my adviser. He was an inspiration. He never let me feel alone or homesick," Murthy recalls. "Every day we used to have tea together at the Commons (lounge), along with Professor Ormsbee.

"Professor Hilton permitted me to use the aerojet project on structural analysis of finite rocket grains for my doctoral thesis. A bonanza—I took to it." Murthy defended his thesis in September 1961 and returned to India "against all the powerful and well-wishing persuasions of Professor Hilton to continue as a postdoctoral." He said his stay in the United States allowed him to appreciate this country, where any individual can get an education "and make a contribution to his own living and the prosperity of the country."

By all counts, Murthy has been able to do that for his country. In the 1970s, when the government of India was trying to develop aeronautical research and space activity, he was nominated as the first coordinator of the aircraft structures panel at the Aeronautical Research and Development Board. Concurrently, he was the Indian government coordinator for structures for the (British) Commonwealth Aeronautical Advisory Research Council. He encouraged Indian industry to consider hiring aero graduates and has been active in professional associations to promote aeronautical engineering in academia and industry.

In 1982, he was invited to start the Systems Engineering and Cybernetics Centre for Tata Consultancy Services, "to promote holistic thinking in societal problem-solving." Murthy said that in spite of initial

Murthy delivers an address at a conference on systems dynamics.

misgivings, he has enjoyed working in this field. He formally retired from the centre in 1996 and now continues as adviser-at-large for Tata.

Retirement for Murthy means he can now devote more of his time to "some of my literary and philosophical pursuits." With the help of his spiritual guru, he is translating a philosophical treatise into English, a four- or five-year project. He is writing again in his mother language, Telugu. He has published 30 short stories, several plays, and essays.

Editor's note: Murthy received AAE's Distinguished Alumnus Award in 1976.

Gloria T. De La Mora, '95, and **Armando H. Huezo**, '95, were married on September 26, 1998, in Chicago. Professor Lawrence Bergman and Diane Jeffers from AAE attended. De La Mora is an analytical engineer for MPC Products Corp., and Huezo was recently promoted to senior engineer for The Phoenix Company of Chicago. The couple live in Park Ridge.

Diane Jeffers (right), coordinator for external relations, and AAE Professor Lawrence Bergman (left) attended the September 1998 wedding of Gloria De La Mora and Armando Huezo in Chicago.

many astronauts for space walks. He is now working on the U.S.-Russian space station project and divides his time between Houston and Moscow.

Hyo (Samuel) No, '83, is a senior business manager with the Automotive, Industrial Electronics Group at Motorola in Northbrook, Ill. His group produces automotive electronics for the Big Three and other Japanese and European auto makers, with sales of $60 million annually. He and his wife Jennifer are parents to 11-year-old twins, Alexander and Julius. No reports that in his spare time, "I enjoy driving my Porsche fast whenever I can."

Jeffrey Patterson, '83, MS '85, and Lyn Lanik were wed on October 11, 1997. Patterson is employed by Boeing at Johnson Space Center. The couple reside in Clear Lake, Tex.

Thomas Penn, '85, and his family recently moved to Oconomowoc, Wis. Penn is now working at GE Medical Systems in Waukesha as a leader in MRI Advanced Technology Programs, developing new magnetic resonance scanners. He and his wife Mary Jo had a baby, Leah Fawn, on April 30, 1998. The Penns also have another daughter, Elise.

D. Christopher Raymond, '86, and Rita Richards were married in June 1998 at Laguna Beach, Calif. Raymond is an international marketing representative with Boeing. The couple live in Redondo Beach.

Scott Schwartz, '88, MS '89, and Renée Panting were married on November 29, 1997, in Downey, Calif. Schwartz is employed by Boeing at Seal Beach, Calif.

Robert Seaberg, '80, is an F-15 pilot in the Air Force based in Kadena, near Okinawa, Japan. Kadena is home base to the 18th Fighter Wing, which maintains the 12th, 44th, and 67th squadrons. Seaberg was the subject of a *Chicago Tribune* story when he took a foreign correspondent with him on a training mission over the Okinawan skies. The story appeared in November 1998.

1990s

Justin B. Berman, '91, MS '93, and Laura Elizabeth Clay of Huntington, W. Va., were married on September 19, 1998, in West Virginia. Berman is employed by the U.S. Army Construction Engineering Research Laboratories, Champaign.

Laura Bogusch, '95, is a senior engineer in Composites Manufacturing R&D for The Boeing Company.

Raymond Brown, '93, is a nuclear engineer with the Department of the Navy in Virginia. He and his wife Loreen ('92 LAS), a health care consultant, are parents to Lucas Noble, born in December 1997, and Jacob Kenneth, born in October 1998.

Matt Budde, '96, was recently promoted to first lieutenant in the U.S. Air Force. He is also pursuing a master's degree in space engineering operations at the University of Colorado-Colorado Springs.