North Carolina State has gotten some mixed reviews about its athletic programs during the past few years. An outsider who reads the more sensational stories might even conclude that “student athletes” no longer exist in Wolfpack country. Don't be too quick to agree. Take a look at three of the Department’s hardest-working students.

When younger student athletes ask track-and-field veteran Gavin Gaynor how he juggles studying, running and playing, he tells them, laughing, “If you can do two out of the three, you’ve done a good job.” Late nights studying chemical engineering and days spent in class and in training played havoc with his social life as an undergraduate, says Gavin. But he survived, graduated in 1988, got married in 1990, and is pursuing both his doctorate in chemical engineering and a berth in the 1996 summer Olympics.

Determining how to “slice the priority pie” is an individual thing, Gavin says. “Everyone has to devise a way to divide their priorities.” Scott Grell, who graduated in May '92, and Todd Lopeman, a senior, can testify to the challenge of combining track and chemical engineering. In recent interviews, they too discussed the highs and lows of “slicing the pie.” Following are profiles on all three chemical engineering athletes.

**Gavin Gaynor**

Growing up in Hawesville, a small town in western Kentucky, Gavin had the guidance of his grade school physical education teacher, who also coached track at the high school. The coach saw potential in the young Gavin and took him to road races while encouraging him to get involved in track.

When the time came to decide whether he should go out for track or basketball (“what all young Kentucky boys want to play”), Gavin opted for the sport that sparked his early interest and offered him the most potential for success.

His career decision wasn’t as difficult. Gavin loved chemistry, and he knew the way he wanted to go with it — into engineering. Gavin’s grades and track success led to several recruitment offers, but none to NCSU. That came when the father of a friend, a plant manager in a Hawesville paper mill and an NCSU graduate, offered to speak to the track coach.

The rest is history. At NCSU, Gavin excelled in the steeple-chase, a 3,000 meter event. On a quarter-mile track, the steeple-chase is a demanding 7 1/2 laps, five barriers and a water jump on each lap. His crowning moment came as a senior in 1988 when he placed fourth at the NCAA championships, earning him the title of All-American.

Gavin accomplished this while maintaining a superior academic record in chemical engineering and in pulp and paper technology. “I worked extremely hard as an undergraduate. I made academics my priority.”

Graduating with a 3.9 GPA in 1988, he began working towards a doctorate in chemical engineering. Gavin’s thesis research concerns the manufacture of silicon/germanium semiconductors and is being directed by Dr. Carol K. Hall. They are conducting a theoretical study, using the techniques of statistical thermodynamics, to model the growth of the germanium layer and the structure of the silicon/germanium interface. This structure determines the performance of layered semiconductors in such applications as optical switching and sensing.

Gavin has been a volunteer coach of the NCSU track team since 1988 and competes regularly for the Nike Atlantic Coast Club. He runs about 15 races per year, over distances ranging from 1000 meters to 10 kilometers. With a personal best of 8 minutes, 27

(See Athletes, page 2)
to organize an alumni council.

working with George Roberts, the current Department Head, Cullingford, Mark Headinger, Warren Piver and Bill Willis.

in Jim's direction, including Victor Agreda, Arun Aneja, Hatice alumni who had done their advanced-degree research under

gala dinner. A highlight of the latter was the return of several eight years of service with both an informal reception and a

Engineering and the Department celebrated Jim's twenty-

the new permanent Dean, Wilbur L. Meier, Jr. The College of Engineering Department for a total of fifteen years on two separate occasions between 1966 and 1989, officially retired from the University on July 1, 1991. He stepped down from his position as Acting Dean of Engineering to make way for the new permanent Dean, Wilbur L. Meier, Jr. The College of Engineering and the Department celebrated Jim’s twenty-eight years of service with both an informal reception and a gala dinner. A highlight of the latter was the return of several alumni who had done their advanced-degree research under Jim’s direction, including Victor Agreda, Arun Aneja, Hatice Cullingford, Mark Headinger, Warren Piver and Bill Willis.

As most alumni know, Jim is still active in departmental affairs. He is writing a history of the Department and is working with George Roberts, the current Department Head, to organize an alumni council.

Scott Grell
Scott Grell has always liked fiddling with gadgets and competing in athletics. The combination made him a perfect candidate for engineering and track, he says. Growing up in Burlington, he went out for the track team his freshman year in high school and he soon found the shorter distances were for him.

NCSU recruited him to run the hurdles, although he prefers the 100 and 200-meter races. “I don’t like training for the hurdles, and training has a lot to do with how you pick a sport,” he says. “You have to live with the training everyday; the actual race comes a few times a year in the spring. I enjoy sprinting more because the training is more technical. You have to have everything perfect to have it work well.”

Despite his preferences, Scott did what was necessary to help the NCSU track team. Over the course of his intercollegiate career, he ran the 55, 100, 200 and 400-meters, the 4 x 100m and 4 x 400m relays, the 400-meter hurdles, and competed in the long jump. The highlights of Scott’s career came in 1991. First, he was named an All-American after his 4 x 100-meter relay team ranked 6th in the nation. Next, in the ACC outdoor championships, he finished 3rd in the 400-meter hurdles, 6th in the 100-meter and the long jump, and ran on the teams that finished 2nd in both relays. Finally, he finished 4th in the 200-meters in the indoor ACC championships.

Training, whether for sprinting or for hurdles, can require up to four exhausting hours a day. “It makes it tough to pick up a book,” he says. “I’ve had to learn time management. I have learned to avoid distractions and to concentrate a lot better in class,” he says, “I gave up watching Jeopardy.”

He says that after an easy freshman year, chemical engineering was a “knock on the head,” and involved a lot of work. However, Scott was a successful student. He graduated in May 1992 with a 3.0 GPA.

Scott is now working for Texasgulf in Aurora, NC, in the Technical Services Department. He is still learning, this time about phosphate mining and the manufacture of sulfuric acid, phosphoric acid and various phosphate salts. He plans to resume running this spring and compete in open meets.

Todd Lopeman
Todd Lopeman is considered one of the top distance runners in the nation. His best race, he says, was in March when in placed sixth in the 5,000 meter indoor NCAA track competition and earned the title of All-American.

Growing up in the small town of Pontiac, Illinois, Todd dreamed of playing basketball and took up cross country running to get in shape. “I wound up becoming a lot better at running than basketball,” he says.

NCSU recruited him out of high school, and he came to visit Raleigh in January 1988. At home in Pontiac, a foot of snow lay on the ground, but in Raleigh the ground was clear and the temperature was 85 degrees. “I loved it,” he says.

He came as a major in aerospace engineering, but switched after hearing Gavin Gaynor talk about his work in chemical engineering. Todd has particularly enjoyed the classes he has taken with Dr. Richard Felder, which are part of a National Science Foundation study on engineering education. One of the main tenets of Felder’s classes is that work is done in groups.

“I think it really works. In a group, if you don’t understand something, three or four other people do.”

Todd’s long-distance training takes a big chunk out of his study time. Long distance events require both endurance and strength, and a lot of running. Between January and March, Todd estimates he runs 75 to 85 miles a week and spends three to four hours a day training. He finds it hard to make his way to Riddick after a long day of training, he says. But he maintains a 2.7 GPA.

A senior, he has another year of eligibility for the NCSU track team. In the future, he wants to get a sponsor and, perhaps, make the Olympic team.
The Department takes pride in the awards and honors given recently to its faculty and students:

**Faculty:**
- Jim Ferrell received this year’s Distinguished Alumnus Award from the NCSU College of Engineering.
- Vivian Stannett was one of four NCSU professors to receive the Alexander Quarles Holladay Medal for Excellence. This is the highest award bestowed by the Trustees and the University on a faculty member. The honor is especially significant since this is the first year that NCSU has given the award. Vivian was also honored at a symposium on Gas Separations at the North American Membrane Society meeting in May in Lexington, KY.
- Rich Felder was named the 1991 Institute Lecturer by the American Institute of Chemical Engineers. As part of this recognition, he gave a talk at the group’s annual meeting in Los Angeles entitled “Declining Quality of Today’s Students - Or Could It Be Something Else?” Rich was also the recipient of the 1991-92 Phillips Lecture Award, which recognizes an outstanding educator in the field of chemical engineering. He accepted this award at the Oklahoma State University and spoke on the topic “The Myth of the Superhuman Professor.”
- Peter Kilpatrick received the Sigma Xi Research Award for 1991-92 from the NCSU Chapter of Sigma Xi.
- Carol Hall was one of three NCSU faculty members honored with a 1992 Outstanding Research Award by the NCSU Alumni Association.
- Christine Grant received a Young Investigator Research Award from the Alcoa Foundation.

**Faculty and Students:**
- Ruben Carbonell and Deborah Riley were co-recipients of the Maurice Simpson Technical Editors Award of the Institute of Environmental Sciences. Their article “The Deposition of Contaminants from Deionized Water onto Hydrophobic Silicon Wafers,” which was published in the *Journal of the Institute of Environmental Sciences*, was selected for its excellence in the field of contamination control.

**Graduate Students:**
- The winner of the 1992 Edward M. Schoenborn Award for the outstanding Ph.D. candidate in chemical engineering was Raymond Liu. Second place went to Deborah Riley and third to Nandan Padukone.
- Joe McLean was awarded a National Science Foundation Fellowship.
- Nancy Lynch was accepted as a participant in the 1992 Summer Institute in Japan through a national competition sponsored by the NSF.
- Steve Smith was selected to receive an Oak Ridge Computational Sciences Fellowship.
- Gavin Gaynor was awarded a Collier Graduate Fellowship.
- Nate Miranda received a fellowship from the Plastics Institute of America.

**Undergraduates:**
- The recipient of this year’s P.V. Danckwerts Senior Research Award was Robert Greer.
- Adam Lasarsky received the Dow Outstanding Junior Award.
- Henry Ashbaugh was awarded a National Science Foundation Fellowship, which he will use at the University of Delaware.
- Michael Britt won second place in the chemical engineering category of the 1992 National Organization of Black Chemists and Chemical Engineers Undergraduate Research Award Competition. This award was based on a national competition sponsored by the Rohm and Haas Company and recognized Michael’s research paper entitled, “Cleaning Rates of Behenic Acid Using a Rotating Disc Apparatus.”
- The following students received Undergraduate Academic Achievement Awards at the annual banquet of the Association for the Concerns of African-American Graduate Students: Michael Britt, Cheryl Graves, Selena Lewis, Ramacina Mitchell, Robert Sanders, Christopher Sharpless, William Thomas, Latanya Webb, and Jeffrey White.
Robert M. Kelly  
Professor

Bob Kelly joined the Chemical Engineering faculty in January 1992 after spending the past ten years on the Chemical Engineering faculty at Johns Hopkins University. As some of you may recall, Bob received his PhD from our department in 1981, having served as the Project Engineer for the EPA-sponsored Coal Gasification/Gas Cleaning Pilot Plant from 1978-1981. Prior to that he received BS and MS degrees in chemical engineering from the University of Virginia and worked for DuPont at their Marshall Laboratory in Philadelphia. Although his expertise when he left NCSU centered on separation processes, he returns with a primary interest in biochemical engineering.

Bob’s research interests focus on the biology and biotechnology of microorganisms that are found in extreme environments. His experience with coal gasification reactors came in handy when he became involved in this area since many of the bacteria he works with come from geothermal vents from the deep ocean. To mimic the conditions that these bacteria normally see, it was necessary to design and build high temperature, high pressure reactors. Fortunately, a number of these so-called hyperthermophilic bacteria are also able to grow at ambient pressures. This has facilitated efforts to isolate biological catalysts or enzymes which may have widespread use in biotechnology for applications ranging from starch liquefaction to detergents to molecular biology.

In terms of teaching, Bob has taught a number of undergraduate courses including Process Control and Separation Processes — both of which he tries to flavor with experiences from his DuPont and Coal Gas days. He also hopes to offer graduate classes in Separation Processes, in Engineering Microbiology and Enzyme Engineering.

Bob and his family have enjoyed their return to the Triangle area, which they note has changed considerably in the past ten years. He is busy getting situated — both at home and in the laboratory. He and his wife spend most of their free time trying to keep up with their three children. Bob intends to get back to his graduate student habits of lunch time jogging and basketball, although he claims he poses no threat to Henry Lamb and Steve Peretti on the courts (“I may be slow, but I can’t jump!”). He also looks forward to seeing many of the alumni he knew during his student days.

Gregory N. Parsons  
Assistant Professor

Greg Parsons joined the Chemical Engineering faculty in August 1992. He spent the previous two years at IBM T.J. Watson Research Center in Yorktown Heights, New York, working on electronic materials processing for flat panel liquid crystal displays. His academic training is in physics, so chemical engineering represents a new direction and challenge in his career. Joining the NC State faculty also represents a homecoming of sorts for Greg, since he received his PhD from the physics department at NC State in 1990. He grew up predominantly in Canada and upstate New York and received his bachelor’s degree in physics in 1980 from Geneseo State College. He worked at the GTE Laboratories near Boston before graduate school. Greg is excited about his new academic career and very much enjoys his teaching responsibilities. He is getting his feet wet quickly by teaching the problem session of ChE 205, Chemical Process Principles, this fall. He will be responsible for the full course, with an enrollment of 100 undergraduates, this spring.

His research has focused on new, low temperature processes for the synthesis of electronic materials, including amorphous and microcrystalline silicon and silicon nitride, for photovoltaic and thin-film transistor applications. At NC State, he will continue his study of electronic materials, including working in the Advanced Electronic Materials Processing Center on Centennial Campus, as well as establishing an independent effort in Riddick. His main interest is in the area of plasma enhanced processing and the use of bond-selective surface reactions to control the kinetics of film formation and etching. He is also interested in applying his expertise to other emerging problems in chemical engineering research and education.

Greg is very happy to be back in North Carolina. During his off hours, he enjoys roughhousing with Cooper, his Australian Shepherd, and working on his new house and (thankfully) small yard. His wife Mary is an NC State Art History/Graphic Design graduate and is also employed at the University. They are enjoying getting acquainted with Raleigh again, especially trying new restaurants, catching up with old friends, and meeting their new neighbors.

Dr. Saad A. Khan will join the Department as Associate Professor of Chemical Engineering in January 1993. Dr. Khan received his B.S. in chemical engineering from Princeton and his Sc. D. in chemical engineering from MIT. He is currently employed by Bell Communications Research. The next issue of Chemical Engineering at NCSU will profile Dr. Khan.
Alumni response to this newsletter has been overwhelming! We were unable to cover all of the items that were submitted to last fall’s edition (Volume 2). This expanded column brings us up to date. Our apologies to those who graduated in the eighties and nineties, whose news may be a bit stale by now. Keep your notes coming; your classmates and the Department enjoy hearing from you.

THE FORTIES
- Dallas Shearin (’41) of Nokomis, FL, passed away on February 7, 1992.

THE FIFTIES
- Don Carter (MS ’51) retired from Monsanto in 1991 after 40 years of service in research and engineering. He lives in Creve Coeur, MO, and consults in the fields of plastics and fibers.
- Charles Jarrett (’51) retired from Eastman Kodak in 1986 as a Research & Development Associate. He lives in Knoxville, TN.
- Pierre LePoutré (PhD ’69) recently started a new career in academe. He holds a chair in paper surface science in the Department of Chemistry at the University of Maine in Orono, ME.
- Charles McLean (’69) resides in Medellin, Colombia and owns and operates a shrimp farm on Columbia’s Atlantic Coast.

THE SIXTIES
- Aubrey Davis (’60) is Vice President, Technology at the Webkote Division of Fleming Packaging Corporation in Peoria, IL.
- Alan Weinberg (’63) lives in Greenville, SC, and is Vice President of R&D&E for the Cryovac Division of W.R. Grace in Duncan, SC. He occasionally hears from Gil Gillespie (’63).
- William Bryan (’64) is Business Manager, Pharmaceutical Markets for Eastman Fine Chemicals, and lives in Kingsport, TN, with his wife Patricia and two sons. His note credits the late Frank Seely for influencing his decision to pursue a marketing career.
- James Davis (’65) is a Senior Research Associate with Hoechst Celanese in Charlotte. He is working on the engineering for a cellulose acetate plant that will be built in Nantong, China. Jim lives in Rock Hill, SC.
- Bill Lawton (’68) recently was named a Judge of the Wake County District Court in Raleigh. He was married in 1987 to Wendy (Hill) Lawton (NCSU Ed ’78).
- Jack Allévitch (PhD ’68) is embarking on a new career as a consultant to the food industry after serving for the last eleven years as president of Dynagel, Inc. Jack resides in Olympia Fields, IL.
- Charles McLean (’69) lives in Medellin, Columbia and owns and operates a shrimp farm on Columbia’s Atlantic Coast.

THE SEVENTIES
- Anthony Ambrosio (’70) resides in Simonton, TX, and works for Stone & Webster Engineering Corporation in Houston, where he is currently Manager of the Process Engineering Division.
- Bill Routh (’72) is Head of the Section of Cardiovascular and Interventional Radiology at Bowman Gray Hospital of Wake Forest University in Winston-Salem.
- Wyatt Aasen (’78) resides in Pittsburgh, PA, and works for Stone & Webster Engineering Corporation in Houston, where he is currently Manager of the Process Engineering Division.

THE EIGHTIES
- Marcia Sabiston Chiang (’79) is a Senior Safety Engineer in the Corporate Safety, Health and Environmental Department of the Rohm & Haas Company in Bristol, PA. She lives in Langhorne, PA.
- Kevin Pait (’79) is Production Manager at the Mallinckrodt Specialty Chemical plant in Raleigh. He is married to Terry (Snyder) Pait (NCSU Chem ’83), has two children and lives in Zebulon.

Thanks to Our Alumni Supporters!

During last spring’s College of Engineering Phonathon, many of you designated a generous gift to the Chemical Engineering Department. In these times of shrinking state budgets, the difference between a bare-bones educational program and one of real quality can hinge on the contributions of individuals and corporations. The students and faculty in the Department are very grateful for the support of many loyal alumni.

Those of you that contributed to the Department during the recent Phonathon should have received a small token of our gratitude (see adjacent photograph). Comment on the Departmental logo, “Toughie” the wolf sliding down a McCabe-Thiele diagram, has been very favorable, so we thought it deserved a place in your kitchen, office or wherever. University policy prohibits the sale of these coffee cups, but we can give them away. (Maybe that’s part of the budgetary problem?) In any event, if you made a contribution to the Department and have not received a cup, please drop a note to Faye Dent at the address shown on page 8. If you were not contacted during the Phonathon and would like to contribute to the growth and continuous improvement of the Department, please send us a check made out to “NCSU Department of Chemical Engineering.” We’ll send your departmental coffee cup by return mail. (P.S. Please send your company’s gift matching form with your check if you work for a company that matches gifts to educational institutions.)
Alumni - Cont'd from page 5

THE EIGHTIES

- Ken Alexander ('80) resigned from the Navy after almost twelve years of service and is now a PhD candidate in Environmental Engineering at the University of Washington, Seattle. He holds a Valle scholarship and is planning to do research on the biological treatment of volatile organic compounds in water. Ken resides in Burton, WA.
- John Campbell ('80) is currently Process Engineering Manager-Pulp/Utilities with Tennessee River Pulp & Paper in Counce, TN. He is married, has three children and resides in Corinth, MS.
- Steve Craig (MS '80) is currently Manufacturing Manager of Millikin's Live Oak and Milstar plants in La Grange, GA, and works with Bernard Bledsoe ('59) and Rick Holley (PhD '69).
- David Misenheimer ('80) lives in Pittsboro with his wife and three sons. He works for the EPA in Research Triangle Park as an Environmental Engineer in the Office of Planning and Standards, helping industries and state air pollution control agencies to identify sources of air pollution and estimate the emissions from each source.
- Carson Cato ('81) is Environmental and Energy Manager for General Tire in Charlotte. He lives in Rock Hill, SC.
- William Colven ('81) works for Du Pont as a Manufacturing Supervisor at a facility in Newark, DE, that produces advanced composite parts and materials. He resides in Wilmington, DE.
- Mike Gurkin ('81) and his wife, Donna, are pleased to announce the birth of their first child. Mike is Materials Manager for Sandoz Chemicals in Charlotte, in charge of purchasing and warehousing. He sent his apologies for receiving an MBA from Chapel Hill.
- Tommy Chau ('82) earned an MS in Polymer Science at the University of Akron in 1986. He is currently working in consumer products R & D for Warner-Lambert in Morris Plains, NJ. Tommy lives in Bridgewater, NJ.
- Page McAdams ('82) is Chief Resident in Radiology at Walter Reed Army Medical Center in Washington, DC. He, his wife Emma and daughter live in Silver Spring, MD.
- Joey Steel ('82) is in Kyoto, Japan, working for the Shogakukan Production Company, which he describes as “. . . rather like the Walt Disney Company.” Joey spent a recent weekend with Takeshi Monno ('82) and his family in Tokyo. Takeshi is with Du Pont, Japan.
- Grady Walker ('82) lives in Houston, TX, and works for Chevron Chemical Company. He is currently responsible for the design, construction and startup of a 440 MM lb./yr. polyethylene plant in Baytown, TX.
- Michael Brown ('83) is Vice President/Operations for Applied Asbestos Technology, an environmental consulting/asbestos and lead-paint abatement company in Atlanta, GA. He and Melissa, his wife of five years, live in Acworth, GA.
- Mark Gosnell ('83) works with directed energy systems and advanced materials for the Department of Defense and consults for real estate developers on the side. He hears from John Godshalk ('82) and Bob Eckles ('83) occasionally. Mark lives in Bowie, MD.
- Joseph Plante ('83) is Division Process Engineer for the Knitted Fabrics Division of Burlington Industries in Greensboro. He recently received a corporate award for an invention that enhances the dyeability of cotton and cotton blend knitted fabrics. Roy Cox ('90) works for Joseph at the Raleigh plant.
- Barbara (Salerno) Quinn ('83) received an MBA from Pepperdine University in 1987 and is working as a Systems Engineer on the small ICBM (Midgetman) program for Rockwell International in Anaheim, CA. She lives in Corona, CA, and stays in close touch with Linda (Stellmann) Van Sickle ('83) and NCSU’s own Hubert Winston ('83).
- George Radford ('83) and Leanna (Eutsler) Radford ('83) work at the Marine Corps Air Station in Cherry Point. George is an Environmental Engineer and is involved with the cleanup of several hazardous waste sites. Leanna is a Materials Engineer specializing in composite aircraft modification and repair. The Radfords live in Havelock.
- Steve Staton (MS '83, PhD '85) works for Ethyl in Orangeburg, SC, doing research on catalysis in the manufacture of ibuprofen. He works with Charles Moore ('83) and George Welsh ('87).
- Robert Worsham ('83) lives in Greenville, SC, and works as a process design engineer for Fluor Daniel. His coworkers include Wheeler Anderson ('70) and Claude Burgess ('84). Robert married Nancy O’Connell in 1990.
- Kevin Byers ('84) lives in Woodstock, GA, where he is in sales for Du Pont’s polymer products business.
- Lawrence Dodd ('84) is doing post-doctoral research in the Department of Chemical Engineering at the University of California, Berkeley.
- Frederick Gregory ('84) is with Ethyl in Orangeburg, SC, providing technical support to their ibuprofen plant. He works with Joe Sloop ('68).
- Brian Harden ('84) works for Philips DuPont Optical in Grover doing process/development engineering work on optical discs for the audio and professional market. He lives in Charlotte.
- Mark Johnson ('84) lives in Apex and works for CRS Sirrine in Raleigh. Two of his coworkers are Bob Durland ('75) and Alan Waters ('87).
- Anthony Nickens ('84) is working for the U.S. Navy in Washington, DC, designing life-support equipment for use on board nuclear submarines. He received an MS in 1985 from the University of Florida and resides in Arlington, VA.
- Sandra (Willis) Pope ('84) wrote while on a leave of absence from Federal Paper Board in Riegelwood, shortly after the birth of her daughter in 1990. Sandra works in technical service for paperback printing and packaging.
- Daryl Caudle ('85) is a lieutenant in the Navy, living in Salinas, CA. He is working on an MS in Nuclear Physics at the Naval Postgraduate School in Monterey, CA.
- Frank Gordon ('85) practices law with the firm of Maupin Taylor Ellis & Adams in Raleigh. He was recently elected to the Board of Directors of the NCSU Engineering Foundation.
- Brent Hall ('85) lives in Raleigh and works for Agurex in Durham. He is managing two air pollution control projects on behalf of the EPA.
- Robert Maddox ('85) lives in Kennett Square, PA and works for Air Products and Chemicals, Inc. on commissioning and startup of air separation plants.
- Ann Quillian ('85) is with Monsanto in Pensacola, FL. She received a master’s degree in environmental engineering from the University of Florida in 1990.
- Russell Rhinehart (PhD '85), as noted in the last issue of the newsletter, is an Associate Professor of Chemical Engineering at Texas Tech in Lubbock, TX. Among his professional honors is Texas Tech’s President’s Award for Excellence in Teaching.
- John Scarff ('85) lives in Fayetteville where he works as a senior process engineer for ICI Americas. His coworkers include Nipun Shah (MS '69) and Rob Beasley ('89).
- Theresa (Mooney) Snyder ('85) is in technical sales with Betz Process Chemicals in Baton Rouge, LA. She wonders where the other NCSU ChE’s in the area are hiding.
- Lisa (Gardner) Bullard ('86) finished a PhD in chemical engineering at Carnegie Mellon University and is with Eastman Chemical in Kingsport, TN. She lives in Church Hill, TN.
- Bruce Cox ('86) and Sherri (Vesalga) Cox ('86) were married in 1988 and reside in West Chester, OH. They are both in Product Development with Procter & Gamble in Cincinnati, OH. Bruce specializes in the reaction kinetics of fats and oils hydrogenation. Sherri is a Group Leader and has had short-term assignments starting up new manufacturing processes in locations such as Venezuela, Mexico, China, Thailand, the Philippines, and Japan.
- Sherri Hoyt ('86) lives in Raleigh and works in the solid waste section of the NC Department of Environmental Health and Natural Resources.
- Joe Parker (MS '86) lives in Kingsport, TN, where he works for Eastman Chemical in the
Engineering Division. Much of his current responsibility involves the design and troubleshooting of distillation columns. Among Joe’s coworkers are: Victor Agreda (’75, MS ’77, PhD ’79), Mark Bogard (MS ’87), David Hitch (PhD ’86), Mark Naylor (PhD ’88), Tim Nolen (PhD ’89), Jim Potente (PhD ’88) and Mark Stewart (PhD ’87).

John Tilley (’86) is a process engineer with Philip Morris in Chester, VA. He lives in Richmond, VA.

Roger Whitley (’86) received a PhD from Purdue in 1990 and is working as an R&D Engineer for Air Products and Chemicals in Allentown, PA.

Beth (Gray) Canterberry (’87) finished an M.Eng. in Engineering Management at the University of Louisville in May ’92. She works for Ethicon, Inc. developing polymeric wound closure devices for surgical use, lives in Stockton, NJ, and keeps in close touch with Gretchen Elder (’87) and Beth Oliver Teague (’87).

William Hospodar (’87) lives in Wilmington and works in Delco for Huron Tech, a company that sells electrochemical sodium chloride production technology.

Alan Massey (’87) lives in Martinez, GA, and works for Amoco Chemical in Augusta, GA, as a process/production engineer in a semiworts plant for product development. One of his co-workers is Robert Reardon (MS ’81).

Sylvia Hardison Oxley (MS ’87) is a project engineer at Wright-Patterson Air Force Base, managing contracts that deal with nonmetallic materials and droplet spray research. She lives in Dayton, OH, and is doing graduate work in materials engineering at the University of Dayton.

Michael Payne (’87) is in research and development with Procter & Gamble in Cincinnati, OH. He works with Jim Caudill (’86). Mike gets back to the Department several times a year in his capacity as a recruiter for P&G.

R. Chase Willett (’87) is a Territorial Representative for the Plastics Division of Eastman Chemical Company. He lives in Arlington Heights, IL, and sells polypropylene, low-density polyethylene, cellulosics and polyesters in northern Illinois and Wisconsin.

Ronald Zumstein (PhD ’87) manages an R&D group which provides technical services to Ethyl Corporation’s ibuprofen plant in Orangeburg, SC.

Tony Baker (’88) is a Process Engineer in the Paper Technical Group of Champion International Corporation in Courtland, AL. His home is in Decatur, AL.

Alex Kirby (’88) is employed by Eveready Battery in Asheboro as a Quality Control Engineer. He has visited with Thad Leister (’87) and Keith Coltrain (’88). Alex lives in Greensboro.

• Alex Meteye (’88) works at Du Pont’s plant in Niagara Falls, NY, performing project implementation for the sodium and lithium businesses. Her contacts include Johnny Dula (’88).

• Elinor Sartwell (’88) was recently promoted to process engineer by Du Pont. She is part of a project management team at the Fibers Department’s Spruce Plant.

• Chris Traynelis (MS ’88) is doing a residency in urology at West Virginia University. He resides in Morgantown, WV, and visited with Mark Young (Ph.D. ’89), who works for Union Carbide in Charleston, WV.

• H. Keith Wicker (’88) works as a tech service engineer in the acrylonitrile acid section of Rohm & Haas’ Houston plant. Keith resides in Webster, TX.

• Angela Bagley-Pride (’89) lives in Charlottesville, VA, and works as an environmental engineer for Merck in Elkton, VA.

• Melissa Clifton Gillespie (’89) works as a process engineer for Glaxo Pharmaceuticals in Zebulon and stays in contact with Stephen Ludes (’89) and Betty Gatano (’89).

• Christina DeKraay (’89) lives in Flat Rock, just down the road from Tom Cruise’s “get away house.” Christina is a process engineer for Kimberly-Clark in Balfour.

• Eddie Knighten (’89) is a process engineer with Mallinckrodt Specialty Chemicals in Raleigh. His coworkers include Christi Gray (’84), John Lewis (’85), Jimmy Adams (’85), J.R. Powell (’87), Sharon Bokeny (’90) and Andy Romano (’89).

• Mike Ledford (’89) is Production Team Manager at Procter & Gamble’s Paper Products plant in Greenville. He occasionally returns to the Department as a recruiter.

• Bruce Locke (PhD ’89) is an Assistant Professor in the Department of Chemical Engineering at Florida A & M University/Florida State University in Tallahassee, FL. He teaches reactor design and biochemical engineering and does research in biotechnology and pollution control.

• Thomas Olsen (’89) does environmental consulting for Radian in Research Triangle Park. He works with or keeps in touch with David Oamba (’85), Kurt Clawson (’89), Guy Fortier (’89), Rich Pelt (’89) and Woody Taylor (’89).

• Monica (Little) Tourville (’89) is a production engineer with Hoechst-Celanese in Rock Hill, SC, where she works with Fred Samz (’91). Monica lives in Charlotte and stays in frequent contact with Renee Steelman (’89), who works with FMC-Lithium in Gastonia.

• James York (’89) lives in River Ridge, LA, and works as an operation engineer on the peracetic acid unit in Union Carbide’s Hahnville, LA, plant.

THE NINTIES

• Timothy Boone (’90) works with Ken Gandy (’85) and Stan Carlyle (’78) at Amoco Chemical in Mt. Pleasant, SC.

• Tom Brna (’90) resides in Harrisonburg, VA, and works with Amanda Monroe (’90) and J. W. Johnson (’91) at Merck in Elkin, VA. Tom sent along an article on a pollution control unit for methyl chloride that he and Angela Bagley-Pride (’89) designed, installed and started up.

• Robert Cumbee (’90) was recently transferred to Summer, WA, where he works for Sonoco Products Company as a Production Services Supervisor. He lives in Puyallup, WA.

• Eleanor Cwirko (PhD ‘90) lives in Rogersville, TN, and is employed in the Process Systems Engineering Department of Eastman Chemical in Kingsport, TN.

• George Joncas (’90) is with Federal Paperboard in Augusta, GA, as a process engineer in the Technical Department.

• Hari Mahadevan (PhD ’90) is married to Mina (Dalili) (’89) and lives in Southampton, PA. Hari works for Merck in Rahway, NJ, in the development of product drug candidates. Karen Grosser (PhD ’88) and Leonore Witschey-Lakshman (PhD ’88) work with him.

• John Michael (’90) is with Procter & Gamble in Cincinnati, OH.

• Mitchell Malcolm (’90) works as a process engineer for Procter & Gamble’s Paper Division in Albany, GA. His co-workers include John (’82) and Mary (’82) Moga, Ron Tucker (’90) Tim Wilde (’89) and Jerry Pirecy (’91).

• John Smeltzer (PhD ‘90) is doing R&D on electrochemical fluorination for 3M in St. Paul, MN. John works with Dick Munday (’66) and Ken Wood (PhD ’88) and lives in Woodbury, MN.

• Joost Van Haaren (’90) works for Du Pont in Deepwater, NJ, in an R & D group that provides process support to a tetraethyl lead plant. Robert Weikel (’87) is at the same site.

• Joost resides in Newark, DE.

• Alan Brewer (’91) is a process engineer with International Paper Company in Mobile, AL.

• David Klimkowski (’91) lives in Cary and is currently working on a master compliance plan for the Cherry Point Marine Air Corps Station and a solid waste management study at Camp Lejeune.

• Boyd Safrit (’91) is in graduate school in chemical engineering at Carnegie Mellon University in Pittsburgh, PA.

• Linda (Jones) Shepard (’91) was married in November 1991 and is currently working for Tennessee Eastman in Kingsport, TN. Her responsibilities include equipment design and plant support.

• Vipul Varma (’91) works in San Diego, CA, for the Kelco Division of Merck as a process engineer. He resides in Chula Vista, CA.
Alumni Information - Winter 1992-93

Name ___________________________ Class/Degree __________________

Home Address _______________________________________________________

Work Address __________________________________________________________

Tell Us About Yourself (What are you currently doing? What other CHE alumni do you work with or hear from? etc.)

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Do you have any photographs, ancient or modern, that would enhance the Alumni News?

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