

Shellegram

93:7

DEER PARK MANUFACTURING COMPLEX

Team Excellence for 1993

Olefins welders receive President's Award

The Olefins Welders Team from Shell Deer Park received The President's Award for Team Excellence for 1993. A total of 13 teams were announced by then Shell Oil Company President, FRANK RICHARDSON.

The criteria for evaluating teams for the Award are: corporate values, leadership, teamwork, innovation and creativity, application of quality concepts and principles, and results.

Members are JOHNNIE BRECHEEN, PAUL ERICKSON, WALLEY HALLUM, LEN SIMMONS, all welders, and KENNEY MOORE, Sr. Safety Inspector.

The team developed procedures and tools to perform critical, difficult welding operations in the Olefins Unit. As a result, they

systematically reduced their reject rate from 1.1% in 1989 to 0.3% in 1991.

The Olefins Welders Team also received the 1992 Champions of Quality Award earlier this year.

In his announcement, Richardson said, "This award recognizes these outstanding teams for the excellence they have shown in how they carried out their work and in what they accomplished. The teams receiving The President's Award, as well as the many fine teams proposed for the award, provide important examples of the extraordinary results that can be achieved when Shell people combine their talents, their ideas and their energy to pursue a common goal."

Other winning teams are:

- 3MS Phase A (PERMAC) Project Team

- (Administration)
- Beta Royalty Reduction Team (E&P)
- Deepwater Oil Presale Team (E&P)
- East Bay Strategy Team (E&P)
- Forms Outsourcing Project Team (Administration)
- Hurricane Andrew Relief Team (Oil Products)
- Hydroprocessing-Aromatics East Craft Team (Oil Products)
- Mechanical Equipment Team (Chemical Products)
- Pennzoil Viscosity Improver Team (Chemical Products)
- San Jose Leak Detection Team (Oil Products)
- Shell Oil/CBI Partnering Team (SE&T)
- Slag Mix Well Cementing Team (SE&T)

DPMC Chemical "Miles" ahead of competition

Shell is number one, says Miles, Inc., a research-based company which is a major buyer of Shell raw materials produced at Shell Deer Park.

The Fortune 500 company, which operates chemical, health care and imaging technology businesses, recently awarded Shell the Milestone Supplier of the Year Award for 1992.

The award requires that chemical companies supply two or more chemicals to two or more Miles locations, and exceed \$5 million in business with Miles. In addition, Miles developed a scorecard to measure each supplier's performance relative to supply, technology and sales.

Shell was also evaluated on product quality, on-time delivery and service—performances largely reflective of Shell Deer Park, since the majority of shipments come from this location (over 2000 shipments total during 1992.) Shell received an overall rating of 99.8 percent in these categories.

Corporate-wide sales to Miles in 1992 were over \$63 million, a score of 91 percent—the highest out of 23 competing suppliers.

Miles representatives, including HELMUT PORKERT, senior vice president of materials management at Miles, presented the award to field teams at DPMC on May 19, visiting MIBK, Phenol/Acetone, Isoprene and BPA3 and BPA4 control rooms. Shell Head Office representatives present at the ceremonies included DICK HEUSTESS, Corporate Accounts manager;

RICHARD STADE, Elastomers business manager, GENE KENYON, Resins business manager; TOM CATTARIN, Business Center manager, Solvents; and DAVE MCGREW, Customer Service representative, Sales & Business Services.

"In Miles' eyes we are clearly number one," says JOE MCADAMS, technical superintendent, Chemical. "And we recognize that we won because of the dedication of each individual

viewed our relationship with Miles as a partnership for several years," says DAVID COUGHLIN, manager, BPA-3. "It is especially gratifying for us to receive the Milestone Award because it confirms that Miles views our partnership as favorably as Shell does."

The Milestone Award is Shell Chemical's first corporate award for multiple products. The company is among the top five Shell domestic chemical accounts.

Miles employs over 26,000 employees throughout North America and has eight operating divisions.

Miles major operations which involve Shell are:

- Polycarbonate Division at Baytown (BPA, phenol, acetone)
- Polysar Rubber Division at Sarnia, Canada (isoprene)
- Industrial Chemicals Division at New Martinsville, WV (benzene—supplied by Wood River location)
- Organic Products Division at Charleston, SC (MIBK)
- Agriculture

Division at Kansas City, MO (MIBK)

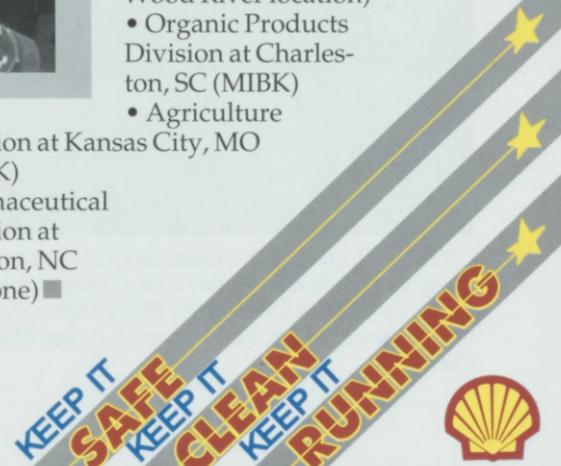
- Pharmaceutical Division at Clayton, NC (acetone)



MILES FOR SHELL—Shell celebrates Milestone Supplier of the Year Award with Miles, Inc. in Phenol's control room. Miles, a major buyer of Shell chemical products, selected Shell on the basis of quality, delivery and service. Howard Lede, BPA4 operator, designed the award logo used on caps, posters and the cake for award presentation.

in each department who have been getting it right the first time."

"Within the entire BPA business, we have



Robot revolutionizes tank cleaning process

Cleaning out sludge and muck from the bottom of oil storage tanks used to be a time consuming, dirty, expensive and potentially dangerous undertaking up until Shell Deer Park started calling on a robot.

What used to take as many as 30 workers months to complete is now the work of a remote-controlled robot which can complete a cleaning in one-third of the time. What's more, the process reduces waste by as much as 95 percent and can salvage up to 95 percent of the oil that was once unrecoverable from the remaining sludge.

The cleaning robot is the brainchild of Lansco, creators of a patented tank recovery system. Lansco has cleaned over 45 tanks at Shell Deer Park since 1990, reclaiming over 149,500 barrels of oil in the process. In total, the company has performed more than 600 tank cleanings at refineries across the United States and Canada.

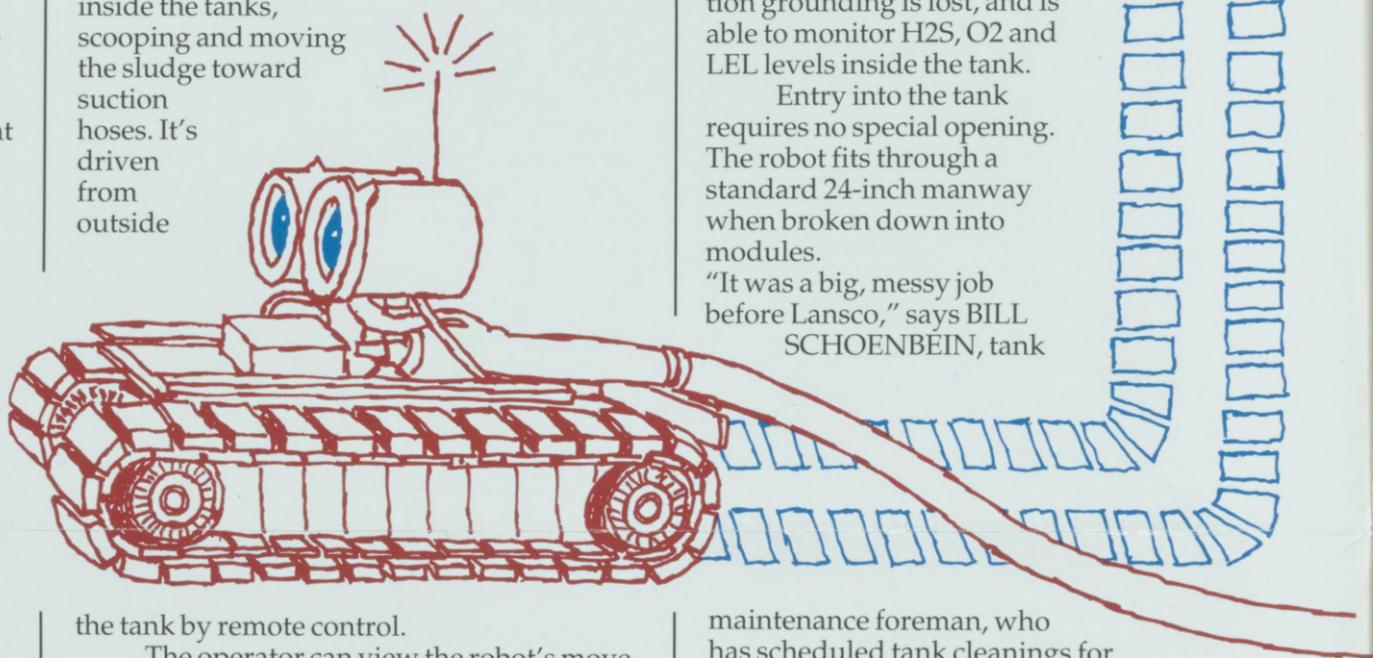
The Lansco robot is an alternative to more traditional recovery techniques that exposed workers to hard labor and harsh chemicals inside of tanks.

The process works like this. Tank sludge is cut to a fluid that can be pumped out for treatment. It requires a "cutter stock" of hydrocarbon diluent pumped into the tank, liquefying the sludge with solids in suspension. It's then pumped out into separation equipment where oil is separated from the solids. Processed recovered oil is sent to a holding tank and the solids and wastes are isolated.

The process works on any tank or sludge pit and can handle any hydrocarbon-based material from crude oil to asphalt, according to Lansco.

The net result is that recovered oil is salvaged and waste materials are segregated into a dry, solid state for safer disposal. These solid wastes are stable and non-hazardous with no adding of any foreign material.

How does the robot fit into the scheme? The robot operates inside the tanks, scooping and moving the sludge toward suction hoses. It's driven from outside



bronze plates covered with a hard rubber, the robot does not spark or create static build-up. It's also equipped with a constant ground fault interrupted switch that alerts the operator if static dissipation grounding is lost, and is able to monitor H₂S, O₂ and LEL levels inside the tank.

Entry into the tank requires no special opening. The robot fits through a standard 24-inch manway when broken down into modules.

"It was a big, messy job before Lansco," says BILL SCHOENBEIN, tank

the tank by remote control.

The operator can view the robot's movements by video, which allows him to remain a safe distance from the tank's opening. The operator sits in a portable building using manual switches and the remote video to control the robot's functions and movements.

The robot is also fitted with a light-sensitive camera and lighting system so it can "see in the dark." A second camera and a lighting system are mounted at the opening of the tank, providing an overview perspective and field view of the tank.

With a track-drive system made of

maintenance foreman, who has scheduled tank cleanings for Dispatching for the past four years. "About 20 people would have to be in the tank with wheelbarrows and buckets scooping out the muck. There was no cleaning or product reclamation, and operators had to deal with exposure to hydrocarbons and heat stress."

Adds Schoenbein, "It was a job that took about four to six months. Today, it's about a three- to four-week job with no one in the tank except the robot. The safety record has been excellent." ■



CHEMICAL QUALITY—Chemical Quality award winning Xylene Capability Study Team gathers for picture taking. Team members and others are (l-r) Gary Quick, QAL; Brian Curtis, E&S; Shelly Melroe, P.E.; Mohammed Defrawi, Head Office Base Chemicals; Vince Rogers, P.E.; and Mark Hurley, Head Office Base Chemicals.

Xylene team receives Chemical Quality Award

The Xylene Capability Study Team received the Chemical Quality Award for its work in defining xylene specifications for a major customer.

The work included a statistical analysis of seven key quality parameters and used a confidence interval technique to set proposed specifications.

Members of the team are: BRIAN CURTIS, E&S; SHELLY MELROE, Process Engineering; GARY QUICK, Quality Assurance Lab North; and VINCE ROGERS, Process Engineering.

MOHAMMED DEFRAWI, Head Office, conducted the award presentation to the team for the Base Chemicals Business Center. ■

VOE's launch their careers

Milby students prepare for working world at DPMC

Shell's commitment to Milby High School has made a difference. Students in the Chemical Laboratory Technology Program are given a unique opportunity to experience the petrochemical industry while still in high school.

Many Milby students have had the opportunity to work as cooperative education students and paid interns in the chemical and refinery Quality Assurance labs.

Shell has an ongoing commitment and a special relationship with the students at Milby High School, according to MILLIE HEBERT, QA Chemical supervisor. Many students who have completed Milby's Chemical Laboratory Technology Program during their junior year have spent their senior year as cooperative education employees or "VOEs" at DPMC.

"Industrial supporters like Shell have been a critical part of the success and longevity of Milby's Chemical Laboratory Technology program," says JOHN UNDERWOOD of Milby High. "The program has a solid history of producing students who are committed to their work and to further education."

Many of these students went on to become Inroads students, a post-high school organization which develops and places talented minority youth in business and industry, and prepares them for corporate and community leadership. Inroads was established to identify interested and capable high school students who could and would enter college to pursue business, engineering and technical careers.

Milby High began its program almost 18 years ago as the Petrochemical Careers Institute (now Milby Science Institute) as a four-year program offering a strong academic component and vocational industrial training in industrial chemistry, plant processing, plant operations and instrumentation. Its goal was to attract students of all ethnic backgrounds having an interest in science and a desire to gain practical knowledge about the petrochemical industry.

Over the years, the Petrochemical Careers Institute has had an industrial chem-

istry emphasis through the ongoing Chemical Laboratory Technology Program. Its basic goal is to provide students with laboratory skills necessary to obtain an entry level position as a chemical laboratory technician and with the academic skills necessary to pursue advanced education in the fields of science and engineering.

Integral parts of the chemical technology training experience are safety, care and handling of laboratory equipment and chemicals, correct techniques for laboratory procedures, wet chemistry, instrumental analysis, inorganic chemistry, and organic chemistry.

During their senior year, students spend one half of the school day on the Milby campus and the other half employed in an industrial laboratory. Students are paid for their work and are provided opportunities for development as laboratory technicians.

"This industrial experience gives them an advantage in their education which no classroom can attain," says Hebert. "We're told Milby students look back to their year with Shell and other companies and consider it a milestone in their lifelong education." ■

VOE'S

On to bigger things

Here are some of the Shell Lab VOE students from Milby High School who have gone on to further their studies in science and engineering.

■ **SARA GLASCO**, class of 1983, QAL-Environmental Lab, received the George & Mary Hammond Scholarship, JET Scholarship, Lamar University Academic Scholarship, and Houston Retailers Scholarship. She graduated from the University of Houston in accounting.

■ **JOEL REYES**, class of 1982, QAL. Joel continues his employment at Shell Deer Park. He is a Senior technician at Chemical QAL—Solvents.

■ **TRONG DUC NGUYEN**, class of 1984, graduated from the University of Houston in electrical engineering and is currently attending University of Texas Dentistry School

■ **ELIAS CORTINA**, class of 1986, Refinery Lab, graduated from Rice University in chemical engineering and Spanish.

■ **THUY VAN DO**, class of 1986, Chemical QAL—Environmental, graduated from the University of Houston in Business Administration.

■ **ALEIDA GARZA**, class of 1987, Chemical QAL—Environmental, graduated in chemical engineering from Texas A&M University

■ **IRENE CORTINA**, class of 1988, Refinery Lab, graduated from the University of Houston in chemical engineering

■ **RAYMONDO COLORADO**, class of 1989, QAL Chemical-Solvents Lab, has been a Shell Inroads student for three years

■ **NANCY LAZANO**, class of 1989, Chemical QAL—Environmental, received the Kraft Foundation Scholarship and a full scholarship to Texas A & M, where she majored in chemical engineering. She has been a Shell Inroads student for three years.

■ **MANUEL CORTINA**, class of 1990, Chemical QAL-I&S, received the University of Houston Academic Achievement Award and Conoco Scholarship, major: chemical engineering.

■ **MARIA GARZA**, class of 1990, Refinery Lab, attended Texas A&M and majored in chemical engineering.

■ **MARIO HERNANDEZ**, class of 1990, Chemical QAL—Environmental Lab, went on to Texas A & M to major in chemical engineering.

■ **HUNG VO**, class of 1990, Chemical QAL-Olefins, worked contract for Shell until December, 1992, received the Jones Scholarship, Texas Rodeo Scholarship and currently attends the University of Texas.

■ **TIEN NGO**, class of 1990, was awarded a fully-paid scholarship to the University of Southern California where his major is medicine.

■ **SUSANA GARZA**, class of 1991, Chemical QAL, received the Hammond Scholarship and University of Houston Academic Achievement Award, President's Scholarship and Excellence Award

■ **HECTOR AYALA**, class of 1991, Chemical QAL-Olefins, chemical engineering major, received the University of Houston Academic Achievement Award.

■ **ALEJANDRO CONTRERAS**, class of 1991, Chemical QAL Environmental, was class valedictorian, received a full scholarship to Harvard University where he majored in chemistry. He was a recipient of the Jones Scholarship, McDonald Scholarship, Richard Byrd Scholarship, and Phi Beta Kappa Scholarship.

■ **ESMERALDA MORENO**, class of 1991, Refinery QAL, majors in chemical engineering at Texas A & M, and is a current Shell Inroads student. She is a recipient of the Jets Scholarship and Texas A & M Engineering Scholarship.

■ **LIM GIANG**, class of 1991, Refinery QAL, attends the University of Houston and majors in chemical engineering.

■ **RAYMUNDO RODRIGUEZ**, class of 1991, Chemical QAL-I&S, received the University of Houston Academic Achievement Award, and Jones Scholarship, majors in mechanical engineering and has been a Shell Inroads student for the past two years

■ **CHRISTINA GARZA**, class of 1992, Chemical QAL—Environmental, received the University of Houston Academic Achievement Award and National Hispanic Scholarship Foundation Award. She majors in chemical engineering at the University of Houston

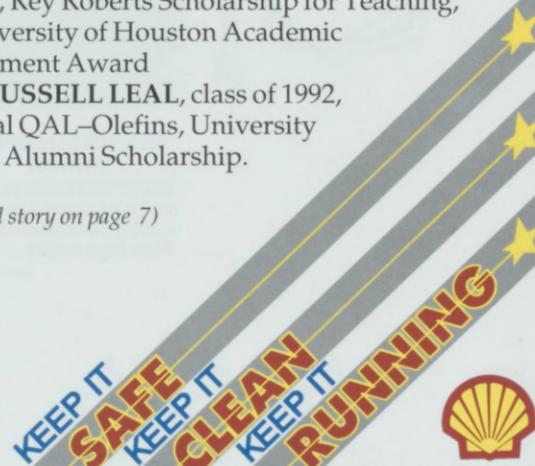
■ **TERERA SHAH**, class of 1992, Refinery QAL, attends the University of Houston majoring in chemical engineering

■ **HERMAN FLORES**, class of 1992, Refinery QAL, Amoco Scholarship and University of Houston Academic Achievement Award, major: chemical engineering

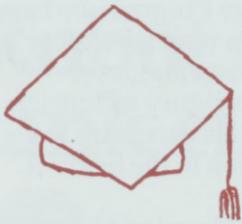
■ **TINA MORALES**, class of 1992, Chemical QAL, Rey Roberts Scholarship for Teaching, and University of Houston Academic Achievement Award

■ **RUSSELL LEAL**, class of 1992, Chemical QAL—Olefins, University of Texas Alumni Scholarship.

(see related story on page 7)



Congratulations



TAMMI CUTRER ALLSEP
Daughter of JOHN T. (TOMMY) CUTRER, retiree. Graduate of University of Houston College of Optometry



JAMES ALPERT
Son of LEONARD ALPERT, retiree. Graduate of South Texas College of Law. Houston. J.D degree



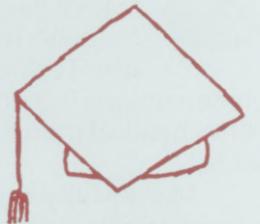
DAVID ALSIP
Son of KATHY BROUSSARD, Lubes Manufacturing. Graduate of Ross S. Sterling High School, Baytown



AUGUST P. AUGUSTINE, JR.
Son of AUGUST ("Augie") P. AUGUSTINE, Sr., retiree. Graduate of University of Houston Clear Lake. BBA, Marketing



AUDREY BALDWIN
Daughter of FRANK BALDWIN, JR., Lube Logistics. Graduate of Houston Baptist University, Houston. B.A. Speech Communication



NNEKA CHARYSE BARNES
Daughter of Lewis Barnes, Central Maintenance. Graduate of Clear Brook High School, Friendswood



STEVEN ANDREW BARRON
Son of CHARLES H. BARRON, Process Engineering/CCU. Graduate of Tomball High School



KRISTINA L. BIBBY
Daughter of JOE BIBBY, BPA-4. Graduate of La Porte High School



GLEN ANTHONY BOEHM
Son of E.C. "BUBBA" BOEHM, JR., Distilling. Graduate of Texas A&M University, College Station. B.S. Economics



TERRI-MARIE BOER
Daughter of JIMMY McCRORY, Phenol-Acetone. Graduate of South Houston High School, Pasadena



DEVIN C. BORUSHESKI
Son of LINDA (H&S) and JERRY C. (CC&G) JONES. Graduate of La Porte High School



SHANE BOYER
Son of GARY BOYER, Environmental-North. Graduate of Barbers Hill High School, Mont Belvieu, TX



ANGELA BRADFORD
Daughter of JOHN D. BRADFORD, Turn-around Planning. Graduate of Deer Park High School



BOBBY ZANE BULLARD
Son of FLORENCE BULLARD, North Lab. Graduate of Lee College, Associate of Applied Science, Registered Nurse.



CHRISTOPHER CARBAJAL
Son of VICTOR CARBAJAL, Control Systems/Olefins. Graduate of St. Thomas High School, Houston



LONNA REBECCA CASTLEMAN
Daughter of LONNIE R. CASTLEMAN, ATC. Graduate of Deer Park High School



CHRIS CHAMBERS
Son of BETTY BARTON, Quality Assurance, Administration. Graduate of Deer Park High School



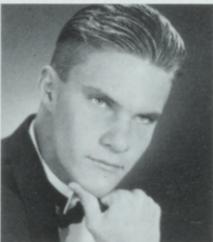
SANDRA CHAVEZ
North Lab (VOE student) Graduate of Charles H. Milby High School



LILLAR MARCHETTE CONNER
Daughter of PATRICIA D. CONNER, Human Resources. Graduate of Robert E. Lee Sr. High School, Houston



REBECCA COOK
Daughter of JACK COOK, PAU. Graduate of University of Houston, B.A. Business Administration



CHRISTOPHER M. CORBITT
Son of RICHARD B. CORBITT, Control Systems. Graduate of Deer Park High School



KIMBERLY ANN CROUCH
Daughter of BILLY CROUCH, Business Services. Graduate of Pearland High School



TIKARA LAVONNE CULBERTSON
Daughter of LARRY V. CULBERTSON, JR., Aromatics. Graduate of M.B. Lamar High School, Houston



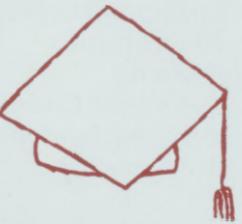
JENNIFER DAVIS
Daughter of JOHN DAVIS, Major Resins. Graduate of Pearland High School



MICHALYN CAREEN DEMARIS
Daughter of MICHEAL J. DEMARIS, Olefins Lab. Graduate of High School for the Performing & Visual Arts, Houston.



ROBERT L. DREWETT
Son of RANDY L. DREWETT, BPA-3. Graduate of Pasadena High School



BRANDI MICHELLE DUHON
Daughter of DARRELL R. DUHON, Hydroprocessing. Graduate of La Porte High School



CARMELA DUNCAN
Daughter of LEWIS BARNES, Central Maintenance. Graduate of Clear Brook High School, Friendswood



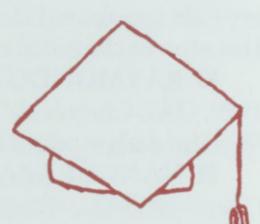
RAUL ENRIQUEZ
Son of RUBEN ENRIQUEZ, Solvents Distribution. Graduate of Deer Park High



LORIAN ESCOBEDO
Daughter of LIBORIO ESCOBEDO, Central Maintenance. Graduate of Corpus Christi State University. B.A., Communications



LEE HAYGOOD FOLK
Wife of G.D. FOLK, CC&G. Graduate of University of Houston Clear Lake. B.S., Accounting



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CYNTHIA LeANNA GARRIGA
Daughter of DAVID B. GARRIGA, Chem. Engrg. Maint. Solv. Graduate of Deer Park High School



CANTRICE LASHON GEE
Daughter of RICHARD WAYNE GEE, Environmental. Graduate of Mt. Carmel High School, Houston



NORMA GIBBS
Wife of EDDIE GIBBS, Aromatics/Hydroprocessing. Graduate of University of Houston, University Park. B.S. Mathematics



TERRY LYNN GRENWELGE
Son of BEN GRENWELGE, Central Maintenance. Graduate of Pearland High School



LISA HARP
Daughter of PATRICK HARP, MPO. Graduate of Deer Park High School



MISTY LEE HAYGOOD
Daughter of W.D. HAYGOOD, BPA-4. Graduate of Deer Park High School



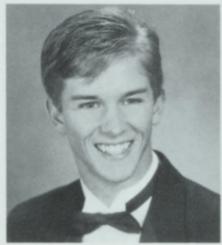
REBECCA SHEREE HESTER
Daughter of STEVEN C. DIXON, BPA-4. Graduate of Robert E. Lee High School, Baytown



KELLEY DENISE HOLT
Daughter of TED HOLT, Utilities Systems. Graduate of Northshore High School, Houston



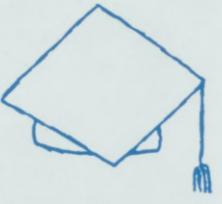
THOMAS J. INGRAM, JR.
Son of THOMAS J. INGRAM, SR., Central Maintenance. Graduate of Crosby High School



DONNY JACKSON
Son of DON JACKSON, SEM. Graduate of Deer Park High School



ROY S. JACOB
Son of SAM JACOB, Control Systems. Graduate of Clear Lake High School



DAWNYEL NICOLE JORDAN
Daughter of P.D. JORDAN, Solvent, & Tr. Graduate of Willowridge High School, Missouri City



REBECCA R. KUNKEL
Daughter of LEE F. KUNKEL, Lubricants. Graduate of University of Texas. M.S. Social Work



MARSHA GAEL LAMPTON
Daughter of DAVID LAMPTON, Major Resins. Graduate of Clear Brook High School, Friendswood



STACEY LYNN LANCASTER
Daughter of CYNTHIA G. LANCASTER, West Lubes Eng. Maint. Graduate of Ross S. Sterling High School, Baytown



LaSHONDA LEE
Daughter of LINDA OLIVER, Hydroprocessing. Graduate of E.E. Worthing High School, Houston



STEPHANIE LEE
Daughter of BUDDY LEE, Engr. Project & Services. Graduate of J. Frank Dobie High School, Houston



MAYRA A. LOPEZ
Human Resources (VOE student). Graduate of South Houston High School



AMY BETH LOWERY
Daughter of J.D. (DEE) LOWERY, Community Relations. Graduate of Texas Christian University, Fort Worth, TX. B.S. Journalism—Public Relations/Advertising



CHARISSE LUSK
Daughter of RONNIE LUSK, Phenol Acetone. Graduate of La Porte High School



JENNIFER KRISTEN LUSK
Daughter of RONNIE LUSK, Phenol Acetone. Graduate of La Porte High School



HEATHER L. MacDONALD
Daughter of EDWARD T. MacDONALD, Control Systems. Graduate of St. John High School, Ennis, TX



ERIC ALAN MALONSON
Son of RAY A. (BPA) and SHIRLEY A. (Aromatics) MALONSON. Graduate of Northshore High School, Houston



MARK RANDALL MALTSBERGER
Son of G.W. MALTSBERGER, Product Analysis. Graduate of La Porte High School



MICHELLE DENISE MANZANALES
Daughter of BEN MANZANALES, East Maintenance. Graduate of J. Frank Dobie High School, Houston



ALBERT MENDOZA
Son of ALBERT MENDOZA, Turnaround Planning. Graduate of Deer Park High School



VERONICA KAY MENDOZA
Daughter of LUIS TOBY MENDOZA, BD/HT/IP. Graduate of Deer Park High School



KHALID S. MIAN
Son of SHAD MIAN, Olefins Lab. Graduate of Clear Lake High School



Laurie ANN MILLER
Daughter of H.D. MILLER, Environmental. Graduate of Faith Christian Academy, Pasadena



SHANNON Y. MUJICA
Daughter of MARY B. MUJICA, Health & Safety. Graduate of Clear Brook High School, Friendswood



DONALD ERROL MURPHY
Son of JIM E. MURPHY, Docks. Graduate of High School for Aviation, Houston



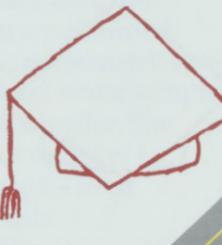
JASON NARANJO
Son of ROBERTO NARANJO, Instrumentation. Graduate of Deer Park High School



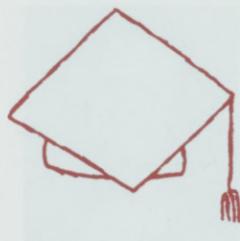
KIMBERLY NEWMAN
Community Relations (VOE student). Graduate of Deer Park High School



MELINDA ANN ORTIZ
Daughter of ROBERT R. ORTIZ, Utilities. Graduate of La Porte High School



Congratulations Shellegrads '93



JOSEPH PALERMO
Son of JOEY PALERMO,
Operations Business
Support. Graduate of
New Caney High School



**JASON SCOTT
PATRICK**
Son of DONNIE L. HALL,
Eng. Log. Util. Env.
Graduate of Deer Park
High School



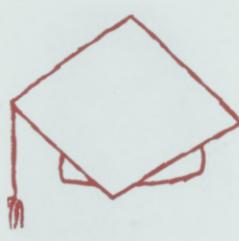
JASON R. PETER
Son of NELLWYN
PETER, Distribution
Customer Service.
Graduate of Sam Rayburn
High School, Pasadena



**NATALIE ANNE
PORTER**
Step-daughter of STEVE
BLACK, Control Systems.
Graduate of Alvin High
School



**CARLA TERRY
REEVES**
Daughter of OUIDA
REEVES, Human
Resources/Empl. Dev.
Graduate of Deer Park
High School



MISTY DAWN REIM
Daughter of MARTIN
REIM, Major Resins.
Graduate of Sam Rayburn
High School, Pasadena



**EVANGELINA
RESENDEZ**
Distribution/ Customer
Service (VOE student).
Graduate of Pasadena
High School



**STEPHEN MARK
RHOADS**
Son of JOHN P.
RHOADS, Solvents
Distribution. Graduate of
New Caney High School



AMY LEE RILEY
Daughter of LARRY I.
RILEY, CC&G. Graduate
of Deer Park High School



**WYATT A.
ROBERTSON**
Son of LESLIE T.
ROBERTSON, Control
Systems. Graduate of
Deer Park High School



**JACQUELINE D.
RODRIGUEZ**
North Lab (VOE student).
Graduate of Charles H.
Milby High School,
Houston



**BRANDI LEIGH
ROGERS**
Daughter of LARRY G.
ROGERS, Central
Maintenance. Graduate of
Hargrave High School,
Huffman, TX



JOSE A. ROMERO
Son of JOSE A. ROMERO,
BPA-4. Graduate of Deer
Park High School



**HEATHER
SIMMONS**
Daughter of DONNA
SIMMONS, Product
Analysis. Graduate of
Dickinson High School



**CHADWIN OLEN
SNIPES**
Son of KENNETH W.
SNIPES, Control Systems.
Graduate of La Porte
High School



**JARED W.
SORENSEN**
Son of BOB SORENSEN,
Docks. Graduate of Ross
S. Sterling High School,
Baytown



WARREN D. STONE
Son of H.D. STONE, Eng.
Maint. Resin. Graduate of
Deer Park High School



**JENNIFER LYNN
SWEARINGEN**
Daughter of THOMAS J.
SWEARINGEN, Maint.
Planning. Graduate of
Deer Park High School



ALANNA TERRELL
Daughter of JERRY
TERRELL, North Lab.
Graduate of J. Frank
Dobie High School,
Houston



**JASON L.
THOMPSON**
Son of J.M. THOMPSON,
Fuels East. Graduate of
Robert E. Lee High
School, Baytown



BRANDY TINKLER
Daughter of LARRY
TINKLER, Projects/Svcs.-
Chem. Graduate of
Friendswood High School



LAN TRAN
Daughter of PHAT
TRAN, Control Systems.
Graduate of J. Frank
Dobie High School,
Houston



CARISSA VAUGHN
Daughter of CHARLES
D. VAUGHN, Aromat-
ics/ACU. Graduate of J.
Frank Dobie High School,
Houston



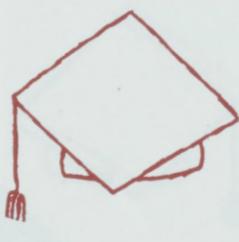
**JASON MICHAEL
VISE**
Son of JERRY S. WOOD,
Environmental. Graduate
of South Houston High
School



**MICHELE KAREN
WIGGINS**
Daughter of DANIEL E.
WIGGINS, retiree.
Graduate of University of
Texas Health Science,
Houston. M.D. Medicine



**APRIL
WILLIAMSON**
Daughter of JERRY L.
WILLIAMSON, Health &
Safety. Graduate of La
Porte High School



NIKKI LEE WILLIS
Daughter of SCOTT
WILLIS, Distilling.
Graduate of Deer Park
High School



**BRYAN THOMAS
WISNOSKI**
Son of JOHN J.
WISNOSKI, retiree.
Graduate of University
of Houston Clear Lake.
B.S. Biology



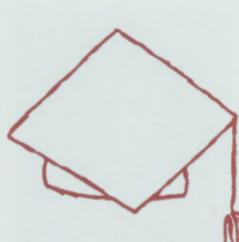
**JOHN BENTLEY
YOUNGBLOOD**
Son of JOHN K.
YOUNGBLOOD, Major
Resins. Graduate of Deer
Park High School



**CAREEN L.
ZAFEREO**
Daughter of PETE
ZAFEREO, MTBE/Alky.
Graduate of Deer Park
High School



**VERONICA EILEEN
ZVOLENSKY**
Environmental Lab
(VOE). Graduate of
Charles H. Milby High
School,
Houston



■ SANDRA CHAVEZ (Milby High School), worked in the Analytical Section of the North Lab. She ran titrations on a 670 Metrohm Titroprocessor which incorporates all the latest technology in electrode and electronic functions to analyze oil samples for the Catalytic Cracking Unit. Along with the titrations Sandra supported other areas of the Complex including the catalytic hydrotreaters. She used a Perkin Elmer Spectrophotometer to analyze samples for aromatic content. The test results she produced were used by the process units to make decisions on daily operations.

■ OLGA COMPEAN (Pasadena High School) helped reduce the workload of each customer service representative by maintaining a daily balance for Lubricants, faxing information to the railroad and customers, inputting information for the numerous asphalt trucks, mailing out invoices, and performing general office duties. "Customer Services wishes Olga much success and thanks her for all of her hard work," says HOLLY BLACKWELL, Lube Logistics.

■ MAYRA CORRALES (Pasadena High School), Chemical E&S Office Education student, assisted CSO/CSOS (Computer Support to Operations) in tracking personal computer purchases, purchasing PC hardware and software through APS (Automatic Procurement System) on the mainframe, and verifying vendor prices. She issued swap/move forms for PC equipment, and worked with word processing, database and spreadsheet software.

■ IVETH ESPINOZA (Sam Rayburn High), was hired to maintain 17 microfilm file satellites at DPMC. This included ensuring proper operations of 30 microfilm machines, inventorying each area for supplies, responding to service calls and placing service calls when not able to correct problem herself. She was also responsible for filing new microfilm received from engineering support at the satellites and refiling any pulled microfilm from users from the 17 satellites. Iveth filed approximately 6000 pieces of microfilm per month at DPMC. ROSIE MENDOZA, Information Management, says Iveth was a pleasure to work with, having proven herself to be very reliable, cautious, accurate, a self-motivator and mature. "I would love to have more like her."

■ RACHEL KOHN'S (Deer Park High School) responsibility was to support Awareness S.A.F.E. Team activities, which included the safety gift cheque program and interfacing with Safe Work Group coordinators on safety awareness activities such as the children safety calendar; the Where Are Your Hands promotion; and the Slips, Trips and Falls promotion.

■ As a Human Resources Department employee, MAYRA LOPEZ (South Houston High School) assisted in supervising employee purchases, designing advertisements and handling communications for various SCORA activities and merchandise. In addition, Mayra worked extensively with the Human Resources staff by assisting with numerous daily activities. Staff members say Mayra's creation and maintenance of a vital database, clear and concise communications, knowledge of computer programs, strong work ethic and overall positive attitude made her a very valued contributor to Human Resources.

1992-1993 'VOE'S' assignments at Shell Deer Park

Here's a glimpse at what VOE students were doing this past school year.

■ TRAVIS MATA, Milby High School, initiated requisitions in the APS and Online Stock Catalog and validated incoming materials against orders. He maintained sample bottle inventory and La-Mar-Ka Reagents Usage inventory. Travis also maintained the solvents Lab CPK database for Process Chemistry. He reviewed and entered new information into the online MSDS system, keeping it current, and also created an OSHA/DOT verification database for sample shipments.

■ KIM NEWMAN'S (Deer Park High School) responsibility in Community Relations was to provide support on special projects such as arranging logistics and materials for tours and meetings, coordinate membership files for SERVE, prepare correspondence to SERVE members, write classified ads, prepare flyers about SERVE activities, and perform general clerical support for the Community Relations office, including compiling a scrapbook of Shell news articles and recognitions.

■ JENNIFER PHILLIPS (Deer Park High School) worked for the Mechanical Equipment Dept. where one of her major job functions was to maintain the Turbine Overspeed Trip Testing program. She gathered data from MUTS tickets when the tests were completed, logged it into an Alpha 4 database, closed out the ticket and generated a monthly report identifying any tests that were not completed. She also updated the Mechanical Seal database monthly as revisions were made, assisted the Safe Work Group coordinator in handling the record-keeping and HASIP qualifications, and assisted the department secretary in supporting Mechanical, Electrical and Pressure Equipment-Refining in various secretarial and clerical activities.

■ THAI QUACH, Milby High School, worked as a lab technician in the Solvents Lab performing many analyses such as the acid color test, distillations, Karl-Fisher Waters, Carbolizable Substance, Permanganate (PMT), and gravities, which are specifications related to product release.

■ KRISTI RACHUI (Deer Park High School), supported work for Central Maintenance I & E and the foremen. She performed copying, light typing, filing, delivery of mail and some data entry for electric motors and substations. Central Maintenance I & E is heavily involved in productivity and cost tracking. Kristie helped by putting together statistics at the end of each month for relief valves, control valves, electric motors, safety statistics and budget information. "The experience gained should be valuable to anyone entering the business world," says JIMMY BURKE, supervisor, Central Maintenance.

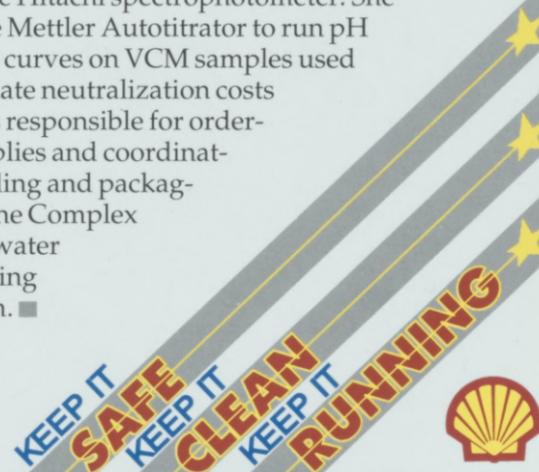
■ Distribution Customer Services VOE student GINA RESENDEZ (Pasadena High School) performed a multitude of functions within the department. These ranged from doing statistical typing to actually processing daily shipping orders to customers. Other duties included general office help such as filing, mailing, xeroxing, using a facsimile machine. She also input department work procedures into ISO 9002 format on the computer.

■ JACKIE RODRIGUEZ (MILBY HIGH SCHOOL) worked in the Phenol/Acetone section of the North Lab. She used sophisticated equipment such as a Karl Fisher water titrator to determine the water content of chemical samples such as phenol. The phenol has certain water content specifications and Jackie determined this. She used a Hewlett Packard spectrophotometer to analyze phenol for carbonyl content. The test requires wet chemistry to prepare the sample for analysis on the spectrophotometer. The carbonyl content is very important to the process unit because this is an impurity that must be controlled in the process and kept to a minimum, and that made her job very important, according to ROBERT CASILLAS, QAL North, P/A, analytical supervisor.

■ NIKKI SCHOFF (Pasadena High School), supported both Marine Operations and Marine Services. Over the past year she provided administrative support by typing letters, filing a variety of reports, and ordering supplies. More recently, she compiled a series of reports that tracked overall performance of third-party inspection companies that monitor marine sales, and updated the dock's Marine Oil Spill Response Manual, a major project that required in-depth analysis of Marine Operations and Health & Safety procedures. The finalized manual—the "bread and butter" for spill response procedures—is being distributed to the Coast Guard, EPA and Texas General Land Office. "Nikki demonstrated a tremendous amount of energy and has certainly been an asset to the docks," says ANDREA HODGE, Marine Services.

■ TUAN TRAN, Milby High School, worked as a lab technician in Olefins Lab performing wet tests such as TBCs, Karl Fisher Waters, non-volatile residue, pH, Dihexanal Amine, Nitrates, Sulfites, Bromine Index, Acetonitrile (ACN), Hydrazine, and densities on Olefins process and finish products.

■ VERONICA ZVOLENSKY, (Milby High School) worked as a lab technician in the Environmental Lab where she performed Ortho PO4 and Hex Chrome colorimetric tests on routine influent and effluent water samples using the Hitachi spectrophotometer. She used the Mettler Autotitrator to run pH titration curves on VCM samples used to calculate neutralization costs and was responsible for ordering supplies and coordinating labeling and packaging for the Complex groundwater monitoring program. ■



MILESTONES

Service Anniversaries

25 YEARS

J.H. BABINEAUX
Major Projects
W.H. BRAGGS
Major Projects
H.E. CRADDOCK
Major Projects
R.E. LAWSON
Central Maint.
B.A. NEAL, JR.
Major Projects
J.J. NIKLAS
Maint. Plng.

20 YEARS

O. COLLINS
Project Engrg.
N.L. PHAEHN, JR.
Lubes/Electrical

15 YEARS

K.A. BRAATEN
Lube Logistics
J.V. CRUZ
Aromatics

D.W. DAUM
Phenol Acetone
K. LINSOMB, JR.
Olefins Distrib.
D.D. LITTLE
Cat. Crack./Gas
D.E. McCOY
Major Projects
D.R. MOORE
Cental Maint.
S.W. NELSON
Cat. Crack./Gas
L.C. PHARR
Distilling
M.E. REIM
Major Resins
S. ZAMORA
Cat. Crack./Gas

DPMC WELCOMES

T.E. DOUGHMAN
Business Services
C. GEORGIADIS
Human Resources
A.L. HENTGES
Chem. Eng./Mts.

P.V. MALONE
PE/CS/QA
R.M. STANFIELD
E. Operations

RETIREMENTS

M.A. GILMORE
Chem. Eng./Mts.
B.E. McELROY
Utilities Prod.
(above)

MEMORIAM

EDIE MATTHEWS, retiree, died
June 1 in Houston

GENEVIEVE ASHLOCK,
retiree, died June 5 in Deer Park

W.B. MILNER, retiree, died July
2 in Houston

SCORANOTES



CHAMPS--Winning "Taste Greats" team members are (front, l-r) Jay Sargent, Jason Reynolds, Mike Cunningham; (back) Cassie Cavens, Kara Kennedy, and Pat Thielemann. Not shown are Jay and Janet Gantanbien.

Spring volleyball recap

The 1993 spring volleyball season came to a close with the "Taste Greats", led by MIKE CUNNINGHAM, and the "Rookies" led by JERRY NELSON, tying for first place. Both teams had a near perfect season with one loss apiece.

Grabbing second place was the "Lab Rats", managed by STAN SHROYER. Third place was captured by the "No Netters", managed by CURTIS (GOOSE) GANDY.

The spring tournament was won by "Taste Great" after some very long and hard-fought games battling the "Lab Rats", for second place, {No Netters" for third place, and "NWA" led by BEN (ACE) RHODES for fourth place.

DALE ELDREDGE says "thanks to all teams for a very good season."

The fall season starts up the end of August. Players are needed (especially females) to fill the co-ed teams. Anyone interested should contact MARY HALEY at x6-6290 (MDH29) OR DALE ELDREDGE (Beeper # 549-4526 or PROFS DALE29).

Picnic

SCORA Family Picnic is Aug 28 at the Rotary Pavillion on Wallisville Rd with all-you-can-eat barbecue. Serving time: 12:30-4 p.m. Members free, adult guests \$8, children guests (ages 3-12) \$5. Under 3-years old free.

Golf tourney

The 1993 Flighted Golf Tournament will be at Clear Lake Golf Course Aug. 28. Lunch provided. Members \$31, guests \$33. First tee time 11 a.m.

CLASSIFIEDS

FOR SALE: Currier Piano. Gold velvet tucked piano bench. Excellent condition. Asking \$500. Contact JERRY or LINDA JONES, 479-0592.

FOR SALE: Wooded lot—2.397 acres west of Magnolia off Hyw. 1488. Woodland Lakes subdivision. Paved roads, restricted subdivision. \$17,500. Contact WAYNE or CINDY CARTER at 479-8862.

Make plans for Ten & Over Party

The Ten & Over Party is set for Saturday Sept. 25 at the John Ray Harrison Convention Center in Pasadena. The party is open to active employees and retirees with 10 or more years of DPMC service.

Shellegram

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