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Early diagnosis of biliary atresia focus of study

By Kimberle Leydig

In the first effort of its kind, researchers around the world are collaborating to develop new strategies to quickly and definitively detect infants with biliary atresia — the most severe and rapidly progressive digestive disease of infancy and the most frequent cause of liver transplantation.

The University is one of the primary institutions involved in the multicenter consortium, which is supported by a five-year, $10 million grant from the National Institutes of Health.

Shepherd stresses that early diagnosis is critical. Early detection of biliary atresia allows physicians to intervene with an operation called the Kasai procedure, which can improve long-term outcomes for some patients. Before the widespread application of the Kasai procedure, which was developed by a Japanese surgeon in the 1960s, almost all infants with biliary atresia died by 2 years of age. However, outcomes from the Kasai procedure are far from optimal. About 30 percent of infants still get progressive liver disease and will need a liver transplant before their first birthday, with another 30 percent requiring transplants at later ages — making the disease the most common reason for liver transplants in children worldwide.

Unfortunately, little new knowledge about the causes, timely diagnosis or improved therapy has emerged over the past 40 years, largely because systematic research has been limited since biliary atresia is relatively uncommon. On average, St. Louis Children’s Hospital diagnoses six to 10 patients with the disease every year, and in the United States there are about 250-400 new cases yearly.

The University is coordinating clinical contributions from several collaborating sites in the United States and one in Australia. The St. Louis Clinical Center also will be initiating a research program that emphasizes studying mechanisms of liver atresia.

Now entering the studio Senior Arianna Haut “grama” at Ohlin Library for her appearance on the “Jeopardy!” College Championships, which were taped at Ohio State University in early October. Haut was selected as one of 12 finalists from a crop of thousands of hopefuls from all around the country. “I grew up watching Jeopardy!, and I’ve always wanted to be on,” said Haut, who is majoring in English in Arts & Sciences. “It’s been a dream of mine since I was very young.” The college tournament will air Nov. 11-22; Haut is scheduled to appear Nov. 14. Jeopardy! airs at 3:30 p.m. weekdays on KSDK Channel 5 in St. Louis.

Four remarkable faculty members and three exceptional citizens of the University community will receive awards at the 1999 Founders Day event Nov. 9 at America’s Center.

The Washington University Alumni Association will present this year’s Distinguished Faculty Awards to Rosa M. Davila of the School of Medicine; Lee Epstein of political science in Arts & Sciences and the School of Law; Ronald A. Leas of the School of Art; and James T. Little of the Ohlin School of Business.

Receiving this year’s Robert S. Brooking Award are Whitney R. Harris and Robert 1. and Iulle Skandatlas.

Rosa M. Davila

Rosa M. Davila, M.D., is an associate professor of pathology and immunology in the School of Medicine. She focuses on anatomic pathology with clinical expertise in cyto-pathology and renal pathology.

Since joining the University faculty as an instructor in 1988, Davila has served the school in many ways. She was the medical director of the Cytopathology Service from 1994-97 and has been the medical director of the Cytotechnologist Program at the Jewish Hospital College of Nursing and Allied Health since 1991. Seven years ago, she established the first Accreditation Council for Graduate Medical Education-approved Cytopathology Fellowship Training Program at the Washington University Medical Center and continues to serve as its director.

Over the years, students have honored Davila with seven awards for teaching excellence and dedication, including the Distinguished Teaching Service, Lecturer of the Year and Professor of the Year awards.

If I had a hammer everywhere you look, construction is happening at a rapid pace at the University. Here, Housing Phase II is taking shape as the majority of the foundation walls for a new residence hall next to Wohl Student Center have been placed. To read the Record’s new Construction Update feature, turn to Page 5.

See Neighbors, Page 5

Neighbors hear reports at meeting

By Kevin M. Kiley

A new Web site, the impact of construction projects and a neighborhood meeting were among the topics discussed at the 2002 Report to Washington University Neighbors meeting Oct. 29 in St. Louis Auditorium.

The annual forum, co-hosted by Chancellor Mark S. Wrighton and the Washington University Neighborhood Council, provides an opportunity for University neighbors to receive information, ask questions and voice concerns.

Flint Fowler, co-chair of the communications committee, announced the establishment of the Web site neighbors.wustl.edu — the “Washington University Neighborhood Network.” The site includes information on things such as events, the neighbors council and the community and campus security.

Sally P. Hoffman, associate vice chancellor for students and director of operations, discussed potential plans for accommodating traffic flow around the Hilltop Campus once MetroLink expansion begins this spring. Although Forest Park Boulevard will be closed from Brentwood Boulevard to Forest Park Parkway will be closed Campus once MetroLink expansion begins this spring. Although Forest Park Boulevard will be closed from Brentwood Boulevard to Forest Park Parkway on Oct. 29 to install a median strip, the extention of the track to Forest Park Parkway was scheduled to begin this spring. Although Forest Park Boulevard will be closed from Brentwood Boulevard to Forest Park Parkway on Oct. 29 to install a median strip, the extention of the track to Forest Park Parkway was scheduled to begin this spring.

See Diagnosis, Page 3

High honors

Faculty, Brooking awards presented at Founders Day

By Barbara Rea

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Iraqi conflict subject of panel discussion

By Andy C finished screening the possibility of evacuating Iraq, University College in Arts & Sciences will host a discussion covering a variety of related topics at 7 p.m., Nov. 12 in the Arts & Sciences Laboratory Teaching Building, Room 506. The lecture, given by Phil D., president of history in Arts & Sciences; James W. Davis, Ph.D., professor of political science in Arts & Sciences; Larry M. May, J.D., professor of philosophy in Arts & Sciences; Linda N. Soden, J.D., professor of law; and Harry Lovins, military writer for the St. Louis Post-Dispatch. Several issues will be discussed, including what constitutes a legal war and a just war; what are the justifications and risks associated with a unilateral military campaign against Iraq; what role does international law play; and what are the possible consequences of a military strike against Iraq, both in the United States and overseas. The panel discussion is free and open to the public. For more information, call 932-6700.

Campus Watch

The following incidents were reported to University Police Oct. 25-Nov. 3. Readers with information that could assist in investigating these incidents are urged to call 933-6501. The information is provided as a public service to promote safety awareness and is available on the University Police Web site at police.wustl.edu.

Oct. 31
4:50 p.m. — A person took $60 from the desk of an unsecured room in Eitel Residence Hall during Parents Weekend.

Nov. 1
4:15 a.m. — An unknown person entered a vending machine located on the lower level of Prince Hall. Total loss is undetermined.
3:15 a.m. — There was a small fire in the oven on the first floor kitchen area of Park House. Maintenance and the Clayton Fire Department responded. The oven was taken out of the building to let the smoke out and to cool down. No damage to any surrounding areas was observed.

Nov. 3
2:59 a.m. — A student had his jacket and sweat pants stolen from an unlocked car parked on the east side of the tennis courts between 12:30-2 a.m. Total loss is estimated at $150.

Nov. 4
10:53 a.m. — A student reported that an unknown person stole his cell phone from inside his backpack, which he had briefly left unattended on the ground-floor study room of Park House. Total loss is estimated at $150.

Nov. 5
12:36 p.m. — A person reported that a coat was taken during a party at the Sigma Phi Epsilon fraternity house. Total loss is estimated at $150.

Additionally, University Police responded to two reports of property damage, two judicial violations and one report each of a man on campus, auto accident and trespassing.

Picturing Our Past

The University football team struggled mightily for its first three decades, when along came Jimmy Conzelman to right the ship. Conzelman had played one year at the University, but only withdrew following the 1919 season when he died of his stepfather's and the fact that he was suspended because of academics. He played pro ball until 1929, when a knee injury ended his playing career. He came back to the University in 1932, and in his last six years of coaching compiled a 32-16-2 record. He was the first coach in University history to compile a winning record and won two straight Missouri Valley Conference titles. During his time as coach, Conzelman disciplined such illustrious opponents as the universities of Illinois and Notre Dame, Southern Methodist and Texas A&M. Weekly attendance records were broken and big games were broadcast on as many as six St. Louis radio stations during the golden era of Bears football. He jumped to the NFL in 1940 as coach of the Chicago Cardinals, and he was elected to the Pro Football Hall of Fame in 1964 after graduating 82-69-14 and winning the 1947 NFL championship.

Washington University will be celebrating its 150th anniversary in 2003-04. Special programs and events will be announced as the yearlong observance approaches.

Asian, U.S. journalists to address making news

By Gerry Everding

Asia in Print: A Dialogue With Asian and American Journalists on Making the News will be the focus of a University-sponsored public forum to be held 1:30-4 p.m. Nov. 9 at the Chase Park Plaza, 212-322 N. Kingshighway Blvd. The event features Asian journalists from China, Japan, South Korea and Taiwan, as well as American journalists with extensive experience reporting on Asia.

The afternoon program is free and open to the public. A similar workshop for University students will be offered on the Hilltop Campus that morning.

Roundtable panelists, all seasoned veterans reporting on East Asia, will discuss not only the issues that shape the news emanating from the region, but also the factors that contribute to making what they report "newsworthy." Topics to be discussed include cultural particulars of the role of journalistic perceptions; governmental controls on news; access to information; the role of international journalists in creating a portrait of East Asia; the impact of news on regional politics; and implications of the Internet and globalization on cultures, media operations and government policies.

• Sam Hung Cho, a reporter for The Associated Press in South Korea who shared the 2000 Pulitzer Prize for investigative reporting on the U.S. massacre of civilians at No Gun Ri during the Korean War.
• Norozumi Nakahsa, a free-lance investigative journalist in Hong Kong, who recently worked on an exposé of the China's largest news media and Reuters.
• Man-peng Tiao, a senior reporter for China's compatriots in the United States, has written extensively on Asian news and teaches journalism at the University of Arkansas.
• Judy Polumbaum, a journalism department at Iowa who has consulted for English-language media in China and written extensively on Asian and American journalists.

• Ellen Soehner, an award-winning journalist and editor of The Asian Wall Street Journal.
• John Calcagno, a journalism department at St. Louis Post-Dispatch since January 2001.
• Joyce Harnathan, an assistant managing editor of Business Week, who recently completed a seven-year assignment as Asia regional editor and Hong Kong bureau manager for the magazine.

For more information on the forum, call 935-8772 or visit the VEAP Web site at arts.wustl.edu/veap.
**School of Medicine Update**

**Image matters**

Molecular imaging may diagnose disease before symptoms appear

**By Darrell E. Ward**

School of Medicine researchers are developing methods to track molecular events in the body to diagnose disease long before symptoms appear and to predict the effectiveness of drug therapies.

The research is under way at the medical school's Molecular Imaging Center at the Washington University School of Medicine in St. Louis. The center is funded by a five-year, $9.4 million grant from the National Cancer Institute.

"We believe that molecular imaging will one day enable us to diagnose specific molecular events of cancer, neurologic disease or inflammation earlier in the course of disease, and that this will help doctors identify the most effective therapy for individual patients," said David Piwnica-Worms, M.D., Ph.D., professor of radiology and of molecular biology and pharmacology and director of the new center.

"Molecular imaging combines the latest in imaging technology with the power of molecular biology," said David Piwnica-Worms, M.D., Ph.D., professor of radiology and of molecular biology and pharmacology and director of the new center.

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New Musical Order • Molecular Timekeeping

University Events


Exhibitions


Exhibitions


Exhibitions


Exhibitions


Exhibitions


Exhibitions


Exhibitions


Exhibitions


Exhibitions

Piano association to give inaugural concert

BY LIAM OTTEN

The Washington University Piano Association, a newly formed student group, will sponsor its first recital at 7:30 p.m. Nov. 13 in Tietjens Recital Hall.

The group, which currently has about 20 members and recently adopted a formal constitution, will sponsor performance opportunities as well as piano workshops, lectures and group trips to local concerts.

Seth Carlin, professor of music at the School of Music and director of the piano program, serves as faculty adviser.

Carlin, who began studying piano at age 6 and noted that for students with some training but who are not currently taking lessons, "they can still be a way of continuity that they love to do without the pressure of groups and classes. It's also allowed many other people, because of the type of music that we are learning, to work on four, six or eight hands on multiple pianos.

Carlin said he hopes to feature works by Beethoven and Schubert performed on fortepiano, a keyboard instrument whose heyday extended from the second half of the 18th century into the early 19th century. "The instruments succeed; the modern pianos, came into full use during the 1860s."

Students will perform on a copy of a fortepiano built in 1824 by Lucy Crumin, which has recently been reassembled. The instruments played by Beethoven and Schubert as well as Haydn and Mozart were of fortepiano type.

The group's next recital, on Dec. 4, will feature the last movements of Beethoven's 5th and 7th symphonies and works by Rachmaninoff, Faure and Buxtehude, among others. Admission is free and open to the public.

The Piano Association was formed student group, will sponsor its first recital at 7:30 p.m. Nov. 13 in Tietjens Recital Hall.

Neighborhoods

University administrators address Neighbors at meeting – from page 1

tentative at this point. "Nothing is set in stone yet, we are still working things up," Heffner said. "We're open to suggestions from the University community so that together we can come up with the best possible outcome." The Executive Vice Chancellor Richard synchronous update on the University's numerous new construction projects and facilities updates.

On Stage

Saturday, Nov. 9

4 p.m. Opus and Art Society (OAS) presents In a woman's Wings in a Private View. hoop, Siepr, 935-6850.

Saturday, Nov. 16

11 a.m. swal for young people. Music and the Underground Railroad. K. and Regina Harris, Cott. E. Thomas Theater. 935-0649.

Saturday, Nov. 21

8 a.m. Performing Arts Department pro-

Music

Friday, Nov. 8


Saturday, Nov. 9

5:30 p.m. Concert. Young Artist Piano Concerto. Symphony Orchestra and winners of the Young Artist Competition. Graham Cott. 935-4841.

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Saturday, Nov. 21

8 a.m. Performing Arts Department pro-

Earth and Planetary Sciences

Biology

Construction Update is published periodically and provides information about the progress of major University building and renovation projects on the Hilltop, Medical West campuses. The record is provided by the Facilities management department.
Women win 2nd UAA cross country title

The women's cross country team cruised to their second University Athletic Association title, while the men's team posted a solid third-place finish at the 2002 UAA cross country championships at Fort Washington Park in Cleveland Nov. 2.

The women's team won their first title in 1996, finished with 47 points to win the championship.ender. University was a distant second with 73. Junior Emily Lohse took the first individual race with a 24:33. Senior Brooke Lane also earned first-team honors with a 25:01 and a seventh-place showing (25:37:5). Junior Matt Muelle finished 20th for the Bears with a 26:11.2, just seconds after the first team all-league honors. The Bears earned 30 points, placing eighth with 60 points, just eight points behind second-place Emory University, which won with a 47 points.

Sports

Whitney R. Harris

The No. 1 Bears volleyball team posted a 2-1 record this past weekend at the Wittenberg Volleyball National Championships in Springfield, Ohio. After having 13 days off, the Bears posted a 1-2 win over No. 3 Juniata College Nov. 8, and a 3-0 loss to the University of Chicago Nov. 9. The Bears swept by Drury University Nov. 1 and the Bears were not able to score a point in the final game against the airplanes.

For his achievements in international justice and his support for the School of Law recently renamed its Institute for Global Legal Studies in his honor.

Robert J. and Julie Skandalaris

The School of Law recently named its Institute for Global Legal Studies in his honor. A true entrepreneur, Robert J. Skandalaris has created many successful enterprises. He is the founder, president and chief executive officer of Noble Corp., a NASDAQ manufacturer of automotive parts and heavy equipment and provider of logistic services. Prior to founding Noble, Skandalaris was a shareholder and vice chair of the Ohio Investment Group. He also co-founded the Michigan Trust Bank, the Bank of Bloomfield Hills and the Bank of Rochester, some of the state's most successful private banks. In 2001, he helped found and now manages Quantum Associates LLC, a leveraged buy-out fund for acquisition of distressed middle-market manufacturing and distributing enterprises. Before that, Skandalaris was a senior vice president and member of the Chairperson's Council for the University of Rochester. He began his career as a certified public accountant with Truitt Rose Co.

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Of note

George Burris, director of off-campus housing, was recently elected to the Board of Directors of the National Association of College Auxiliary Services. Burris was elected to chair the Constitution & Bylaws Committee and the Nominating Committee for one year.

Michael M. Neff, Ph.D., assistant professor of political science and history, was appointed to the Department of Energy for research titled "Molecular Genetic Characterization of Ovaries and its Implications with Morphophylogeny." James E. Galvin, M.D., assistant professor of medicine and radiology, has received a three-year, $455,538 grant from the National Institute on Aging for research titled "Urticaria of Parkinson Type: Clinical-pathologic Phenomenology." Paulino Biswas, Ph.D., the Stiefel Quinette Jens Professor of Environmental Engineering Science and director of the program, has received a one-and-a-half-year, $20,000 grant from the University of Florida for research titled "Development of a Dynamic Simulation Model of Undergraduate Education." Himed B. Pakrasi, Ph.D., professor of biology in Arts & Sciences, has received a three-year grant of $282,000 from the Department of Energy for research titled "Biosynthesis of Photosystem II, 680, a Cyanoabsorber..." Allian Wang, Ph.D., senior research scientist in earth and planetary sciences in Arts & Sciences, has received a two-year, $168,998 grant from the National Aeronautics and Space Administration for research titled "Carbonate and Water Seeder: A Survey Instrument".

Facilitating access to justice (From left) Keynote speaker Barry Scheck and 2002 Access to Equal Justice Award recipient Sandra Moore. The two are joined by Karen Tokarz, J.D., and Peter Joy, J.D., professors of law, at the recent 3rd Annual Access to Equal Justice Awards reception. In making the presentations, the law school’s Clinical Education Program presented the awards to individual honorees making exceptional contributions to enhancing access to justice in the St. Louis region.

Obituaries

Maniotis; geneticist, natural historian

James Maniotis, Ph.D., emeritus professor of biology at Saint Louis University, died on October 25, 2002, after a brief battle with intestinal cancer at the Barnes-Jewish Extended Care facility.

Maniotis was a resident of St. Louis and a member of the University community since 1944. He lived his professional life as a proponent and champion for the value of the arts and sciences at the University. He was both valued and honored by students of his students and many of his colleagues for his excellence in teaching botany, mycology and natural history for more than 35 years. As a teacher, he taught with a passion, said Walter H. Lewis, Ph.D., emeritus professor of biology, who came to the University two years before Maniotis joined the faculty. "He loved his students and had the ability to make anyone share the fascination he held for mycology. Maniotis was a member of the Mycological Society of America; The Genetics Society of America; The American Institute of Biological Sciences; The American Society of Cybernetics; The History of Science Society; The Mathematics of the Sciences; and the History of Science Society. He was a member of the National Academy of Sciences and director of the program, has received a one-and-a-half-year, $20,000 grant from the University of Florida for research titled "Development of a Dynamic Simulation Model of Undergraduate Education." Himed B. Pakrasi, Ph.D., professor of biology in Arts & Sciences, has received a three-year grant of $282,000 from the Department of Energy for research titled "Biosynthesis of Photosystem II, 680, a Cyanoabsorber..." Allian Wang, Ph.D., senior research scientist in earth and planetary sciences in Arts & Sciences, has received a two-year, $168,998 grant from the National Aeronautics and Space Administration for research titled "Carbonate and Water Seeder: A Survey Instrument." He was instrumental in the development of a religious studies program — one of the first in the country — at the University of Miami, and he served as the second director of the Committee on Religious Studies in Arts & Sciences.

Weltin wrote two books, The Ancient Pipes and Jetsam and numerous articles on the classical age and early Christianity. He was also the author of the anthology Great Events From History.

Weltin retired in 1980 but continued to teach part-time at University College in Arts & Sciences until he was in his 80s. Weltin's former students and colleagues helped establish the Louis E. Weltin Distinguished Professorship in Liberal Studies in Religious Education in 1986. Robin Jensen, a professor of psychology at Webster University, founded the Louis E. Weltin Religious Studies Institute in 1996. Weltin retired in 1980 but continued to teach part-time at University College in Arts & Sciences until he was in his 80s. Weltin's former students and colleagues helped establish the Louis E. Weltin Distinguished Professorship in Liberal Studies in Religious Education in 1986. Robin Jensen, a professor of psychology at Webster University, founded the Louis E. Weltin Religious Studies Institute in 1996.

Rosenthal; led baby tooth survey analysis

By DARRYL E. WEARD

Herald L. Rosenthal, Ph.D., professor emeritus of biochemistry and biomedical sciences, died Thursday, May 23, 2002, of a pulmonary embolism. He was 91.

Rosenthal, of Creve Coeur, Mo., served as chair in the Department of Biochemistry and Microbiology of the School of Dentistry. His research declined interests were varied and expansive, but he perhaps best remembered for leading the analysis of baby teeth collected during the St. Louis Baby Tooth Survey.

The survey, conducted from 1959-1970, was sponsored by the U.S. National Institutes of Health's Office of Nuclear Information (CNI) and funded by the National Institutes of Health, was done to determine the long-term health effects of nuclear fallout from worldwide atomic weapon testing in the 1950s and 60s. The CNI included many universities and dental schools. The survey ultimately collected more than 100,000 baby teeth from children throughout the region. The teeth were analyzed for strontium-90, a radioactive calcium that is created by nuclear bomb blasts and is readily absorbed in fast-growing teeth and bones.

Rosenthal led the analysis of the teeth, with funding from the U.S. National Institutes of Health Research. These pivotal tests showed that striations-90 levels in baby teeth rose and fell in unison over years with bomb tests and declined rapidly after testing ceased.

This was a dramatic demonstration that radiotactile material from fallout produced by atomic bomb testing was getting into our children's teeth and bones," said Rosenthal in 1970, professor of biology in Arts & Sciences, who authored on the study.

The study was instrumental in persuading President Kennedy to "Fully end one-year testing of atmospheric bomb tests." Rosenthal earned a bachelor's degree in biology and chemistry in 1943 at the University of New Mexico. In 1951, he earned a doctoral degree in biochemistry and physiology at Rutgers University. He came to Washington University in 1958 to serve as chairman of the physiological chemistry department. He retired. From the University in 1987. Rosenthal is survived by his wife, Rose S. Rosenthal; two daughters, Rachel A.R. Rosenthal and Pamela S. Carr; two sisters, Dorothy Winton and Selma Goldman; a brother, Louis S. Rosenthal; and four grandsons. Memorial contributions may be made to the Lutheran Home of St. Louis, 1510 North Grand Boulevard, Box 1082, St. Louis, MO 63105.

Weltin; religious studies pioneer

EUGENE G. WEILTIN, Sr., professor emeritus of history in Arts & Sciences, died Tuesday, Oct. 29, 2002, of lung cancer at his home in University City. He was 91.

A native of Quincy, Ill., Weltin earned a bachelor's degree in 1934 and a master's degree in 1935, both in history, from the University of Illinois. He earned a doctorate in history at the University of Illinois in 1946 and served as an assistant history faculty for several years.

Weltin taught Greek and Roman civilization at the University of Missouri in 1947, and then branched out into such courses as"Western Civilization" and"Early Christianity." He was elected to the National Academy of Sciences in 1959 and a member of the National Academy of Sciences since 1959.

Editor's note

Near retirement, it was learned that George L. Zalahal, senior professor of mechanical engineering in the Department of Engineering Science, died Friday, Nov. 1, 2002. An obituary will run in an upcoming issue of the Record.
Merging technology with teaching

Kathy Atnip helps Arts & Sciences stay ahead of the techno-curve

By Andy Clemden

are working on ways to integrate technology into the curriculum of Arts & Sciences.

"We're looking for ways faculty can incorporate technology into their teaching, whether it's making technology fluency important for students, or using technology in new, different ways," said Atnip.

Atnip is interested in doing experiments and sustainable teaching projects that will allow us to work in collaboration with the faculty.

"We're helping to provide an opportunity to think about teaching in a different way, and to consider how faculty may rethink their teaching when different tools and support are available."

The Teaching Lab started after some discussion about the pioneering efforts that are taking place in Arts & Sciences, especially among faculty who were looking for better-organized help with applying new technology. Atnip was chosen to head the lab.

"Kathy Atnip has a passion for technology to improve teaching and learning," said Edward S. Macias, Ph.D., executive vice chancellor and dean of Arts & Sciences. "She works very well with faculty and students at all skill levels to help them achieve their goals.

"She is a big part of our ongoing effort to improve the technological fluency of our faculty and our students. And in everything she does, she is a pleasure to work with." Ed Macias, Ph.D.

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