Researchers study effects of adolescent weight loss

By Jim Dryden

School of Medicine researchers have been studying how fatty liver disease affects sugar and fat metabolism in overweight adolescents and how losing weight affects the condition.

In the past 30 years, the number of overweight children has doubled in the United States, and overweight children are at increased risk for the problem.

"We are fortunate to have an international leader as this year’s Commencement speaker," Wrightson said. "Sir John led one of the world’s great countries, and he has an extremely important perspective on international issues. I am just delighted that he has accepted our invitation to speak this year at our most important academic event."

Commencement will mark Major’s second visit to campus. On April 26, 2005, he was a keynote speaker at an Olin School of Business conference exploring the international business environment.

Major was appointed prime minister of the United Kingdom in 1990, and re-elected when the Conservative Party won an unprecedented fourth term in office at the general election of April 1992.

Major was born in 1943 and grew up in Braddon, London. He attended the Bathil Grammar School but left at 16 to help support his family. He had a variety of jobs before joining Standard Chartered Bank (1963-1979), rising to the rank of bank executive.


In Parliament, Major served in the government for 16 years, 10 of which he was in the Cabinet. Commenting on his rapid rise through the ranks to prime minister, Major noted that he had only once done a government job for more than a year; he was chief secretary to the treasury from 1987-89.

His one-year positions were junior whip in 1983; senior whip in 1984; parliamentary secretary 1985; and minister of state for social security and the disabled 1986.

In July 1989, he was appointed secretary of state for Foreign and Commonwealth Affairs.

By Andy Cleland

The Right Honourable Sir John Major, former prime minister of Great Britain and Northern Ireland and a leading authority on the changing global landscape, has been selected to give the 2006 Commencement address, according to Chancellor Mark S. Wrightson.

The University’s 145th Commencement will begin at 8:30 a.m. May 19 in Brookings Quadrangle. Major’s talk is titled “The Changing World.”

“Are we fortunate to have an international leader as this year’s Commencement speaker,” Wrightson said. “Sir John led one of the world’s great countries, and he has an extremely important perspective on international issues. I am just delighted that he has accepted our invitation to speak this year at our most important academic event.”

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See Major, Page 6

Honing Jby a student chats with (from right) Justin X. Carroll, assistant vice chancellor for students and director of residential life, and William H. Danforth, Life Trustee and chancellor emeritus. The University’s first-ever Truman Scholarship recipient was a 2006 Harry S. Truman Scholarship winner.

Truman Scholarship goes to Arts & Sciences Junior

By Neil Schoenherr

Art & Sciences junior Laura Kleinman has been awarded a 2006 Harry S. Truman Scholarship.

Each scholarship provides $30,000—$3,000 for the student’s senior year and $27,000 for two or three years of graduate study. The program is open to juniors interested in public-service careers.

Truman Scholars are selected based on academic performance, leadership and dedication to public service.

Sixteen were selected this year from 598 candidates, who were nominated by 311 universities.

Scholars also receive priority admission and supplemental financial aid at some premier graduate institutions, along with leadership training and special opportunities within the federal government.

Kleinman said she is honored to have been awarded such a prestigious scholarship. "I feel privileged to become part of a community of exceptional students," she said. "The kids I met when I first arrived here were not only academically motivated, but also a great person in and out of the classroom."
Academic Year Highlights: A Letter From Chancellor Brighton

Dear Colleagues:

As this academic year comes to an end and I want to share with you the Planets University is initiating shortly after Commencement, and I also want to express my appreciation to the senior management, faculty, staff, and students. All of you are working hard so that we might all enjoy the benefits of our higher education and academic accomplishments, and the knowledge and expertise of the academic areas of the world. Each and every one of you makes a direct contribution to the benefit of this community, and we strive to create and maintain an atmosphere in which all of you, our faculty, students, and members of the university community, can make a positive contribution.

The strength of Washington University in St. Louis is built from the work and creative efforts of our faculty and students, and I am proud that we now have more than 20 depar- tments and academic areas that are ranked by external validators in the top ten in the nation. But the continuing im- provement of our research and scholarly activities is measured in rankings, prizes, and mem- berships in national and international academic associations.

Throughout the past year many of our academic areas and departments have earned honors and awards that will carry them forward as world leaders in their respec- tive fields. In the last few days, for ex- ample, the National Academy of Sciences, the Truman Scholarship for graduate study toward promising careers in public service and health careers, and the Fulbright-Junior in Arts & Sciences. Outcomes like these are a direct result of the commu- nity that works toward success for all of its members, and that is why I treasure the compassion and commitment that we see to collaborate with one another to bring innovation and new ideas into the world.

We continue to grow in strength and quality. While there are 25,000 members in our community — faculty, students, and staff — we put great emphasis on the importance of the development of each person’s capabilities and contribu- tions to the University as a whole. We are feeling that we have pleased that we have decided to especially recognize and thank the members of our community, faculty, and the family members of our students. This happens in particular embodies the very qualities I honor here. The retaining of the Hilltop as the Daniel P. Edenough Fellowship, a testament to the ability of individuals to affect mean- ingful and significant change. The Dan- forth legacy has enabled us to create ex- cellent research facilities, and the operating resources to build on our cen- sus and-a-half of momentum and the Dan- forth Foundation provided the momentum, and we will serve our community so that everyone from our lower-paid workers to distinguished faculty can now opt for public transporta- tion paid for by the University. We are es- pecially pleased that we are able to make these changes available to employers of our contracted companies — a group of workers to whom we have made commit- ments to help improve wages and to pro- vide greater access to benefits.

This past year is also one that we were able to develop a generous entry-level package that is well above the national average and hourly compensation levels in the St. Louis region. We are also working hard to provide access to healthcare; the new news media report challenges to retirement and pension plans, to medical and dental insurance, health benefits, and retiree insurance.

As last year we unveiled a “Benefit Plan for the Future,” which will provide more flexible and complete benefits pro- gram for all of our faculty and staff. We continue to address the nationwide pressures faced by institutions regarding cost containment, while remaining competitive in our compensation, tuition and fees, and healthcare benefits package. Specifically, we are addressing retirement savings plans, increasing the rising costs of health insurance, health savings accounts, and retiree insurance.

The Washington University in St. Louis Network, wustl.edu/rankings, will hit newsstands in April 3. We are pleased and gratified that all of you are working hard so that we might all enjoy the benefits of our higher education and academic accomplishments, and the knowledge and expertise of the academic areas of the world. Each and every one of you makes a direct contribution to the benefit of this community, and we strive to create and maintain an atmosphere in which all of you, our faculty, students, and members of the university community, can make a positive contribution.

Over the summer we will see the com- pletion of our long-awaited Midland Lameker Art Museum and Earl L. and Myra E. Walker Hall at the Sam Fox School of Design & Visual Arts. We will be announcing dedication plans soon as we anticipate the important contributions that these facilities will make not only to arts and design education, but also as a resource for the entire St. Louis region through the University’s exceptional col- lection of fine art — much of which has not been exhibited because of limited gallery space.

Most importantly, I want to thank each member of this community for the role that you play in making this a fine place to study, live, and work. The accom- plishment this year is built on the foundation of the next embody the rich tradition of more than 150 years and a future filled with the challenging presented by improving the Uni- Versity’s infrastructure and facilities. We are going to initiate several important construction projects this year, including the first stage in our longer-term plan to construct a much-needed University Center. Before the completion of our exchange Program in Kathmandu, meets with students during a recent alternative dispute-resolution class.

Mark S. Brighton
Chancellor

Radhika Regmi Pokharel (left), coordinator and trainer for the Community Mediation Program at the Center for Legal Research and Development in Kathmandu. "The program design for our exchange Program in Kathmandu, meets with students during a recent alternative dispute-resolution class.

Nepali lawyers visit School of Law to help foster mediation programs

A delegation of law faculty and public interest lawyer from Nepal recently visited the School of Law for two weeks in a U.S. State Department ex- change program designed to develop legal plen- grame in Kathmandu, meets with students during a recent alternative dispute-resolution class.

The delegation made presentations to law school faculty and students on community mediation, legal education, and the legal pro- fession in Nepal.

In turn, the delegation received advanced mediation training and met dispute-resolu- tion providers in the St. Louis area, including private mediators and those with the family and juvenile courts. The delegation also net- worked with the University's Arbitration and Mediation Program for all of the next embody the rich tradition of more than 150 years and a future filled with the challenging challenges presented by improving the Uni- Versity’s infrastructure and facilities. We are going to initiate several important construction projects this year, including the first stage in our longer-term plan to construct a much-needed University Center. Before the completion of our exchange Program in Kathmandu, meets with students during a recent alternative dispute-resolution class.

Sangrola, members of the delegation were: Bimal Paudel, coordinator, of the LLM. Business and International Trade Law Program for Kathmandu School of Law and the Center for Legal Research and Development Program at the Center for Legal Re- search and Development.

The partnership with Washington Uni- versity will build on the year-round and the future.

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Vitamin D may ease joint pain in breast cancer patients taking Arimidex

BY GWEN ERICKSON

Giving vitamin D supplements to breast cancer patients taking the drug Arimidex to prevent bone loss may ease bone, muscle or joint pain that they sometimes experience, according to WUSTL physicians.

Recent advances in this area show that breast cancer patients from recurrence of cancer, so now most patients with estrogen receptor-positive breast cancer receive Arimidex," said An- nabel Rastelli, M.D., instructor in medicine. "Unfortunately, about one-third of patients on Arimidex will experience significant joint tenderness, stiffness or muscle or joint pain.

Rastelli's colleague, Marie Taylor, M.D., instructor in radiation oncology, has found that patients with metastatic symptoms also have below-optim- al levels of vitamin D in their blood, and when vitamin D supplements, these patients often have a complete resolution of their pain.

Rastelli and Taylor are initi- ating a double-blind, placebo-con- trolled study of Arimidex takers with unexplained bone pain to try to confirm the connection between vitamin D deficiency, inflammation and pain relief. Half of the study participants will receive a high-dose vitamin D supplement once a week while the other half will receive a placebo. Questionnaires that the patients fill out before and during the six-month study will allow the researchers to assess the effect of high-dose vita- min D on patients' musculoskeletal pain.

"We aren't certain why Arim- ide would be associated with low levels of vitamin D, but sci- entists theorize that the drug de- ppresses the body's stores of vitamin D by interfering with enzymes in the liver that process the vita- min," Rastelli said. "It's also interesting to note that vitamin D is scarce in most people's diets, coming mainly from whole milk, liver and fatty fish. The majority of vitamin D is produced in the skin in action to sunshine, but in- creasing avoidance of the sun and the use of sunscreens reduce that source, so it is relatively easy to become vitamin-D deficient.

"Vitamin D has wide-ranging effects in the body, including regu- lating cell growth, immune function, blood pressure and calcium-sodium secretion. It is also essential for calcium absorption and is involved in maintaining bone health.

All patients participating in the study will receive daily calci- um and low-dose vitamin D sup- pliments equivalent to the recom- mended daily allowance in addition to their weekly vitamin D supplement, or placebo. Participants will also receive a bone density scan.

Women eligible to partici- pate in the study if they have completed at least 8 weeks of Arimidex therapy and have gen- erally good health, including no cancer or other conditions that could interfere with being part of the study.

To participate or to obtain more information, call 362-3259 or 747-3056.

Cervical tumors can be detected using PET scans

BY GWEN ERICKSON

Cervical cancers that take up a lot of blood sugar, or glucose, are more resistant to treatment than those that are less glucose-hungry, according to a School of Medicine research.

Scientists also found that the high-glucose-takeup tumors could be identified with PET scans, which are already routinely used to determine tumor size and lymph-node involvement in cervical cancer patients.

PET scans monitor the amount of a radioactive glucose tracer absorbed by cells, so the brightness of the image reveals how much glucose a tumor takes up. The research team's analysis indicates PET scans can be used to better determine prognosis in cervical cancer patients.

"Cervical tumors vary more in their glucose uptake than other kinds of cancer, making glucose uptake a very useful indicator for cervical cancers," said Perry W Grigsby, M.D., professor of radiation oncology, nuclear medicine and of obstetrics and gynecology. "We have identified tumors with higher uptake were associated with lower survival rates and lower disease-free survival rates.

In a report published in the April issue of Gynecolog- ical Oncology, the researchers summarized their findings of the 96 cervical cancers patients who underwent PET scans before radiation and chemotherapy were administered.

Analysis showed that 71 percent of patients whose tumors showed high glucose uptake with a median value of 10.2 survived five years without a recurrence of their disease. In contrast, 52 percent of those whose glucose uptake measured about 10.2 went for five years without a recurrence.
Distinguished professor and writer Wayne Fields will present the Interdisciplinary Project in the Humanities/Phi Beta Kappa Lecture Assembly Series at 11 a.m. April 12 in Busch Hall, Rm. 310. 935-7988.

Fields, Ph.D., is the Lyman Cooper Harvey Distinguished Professor of English and director of the American Culture Studies Program, both in Arts & Sciences. His areas of scholarly focus include American literature, nonfiction prose, rhetoric and American political argument. During times of national political debate, he is frequently quoted by the national media to provide expert commentary regarding the use of rhetoric as a political or social tool. His book Union of Words: A History of the English Language (1996) examines the use of rhetoric in the creation of the Union's speech, declarations of candidature, ceremonial occasions, inaugural addresses, State of the Union speeches, declarations of war, executive orders and official proclamations. His other books include James Fenimore Cooper: A Collection of Critical Essays (1979), The River Knows: An Angler in the Heartland (1990), a highly acclaimed memoir, and The Heart of My Heart: A Life of Its Own (2002), a collection that offers a simpler life of growing up in the American heartland.

Fields joined WUSTL’s Department of English in 1968. Throughout his career, he has served the University in a number of academic and administrative ways, most notably as chair of the English Department. He has also served as the dean of the University’s Arts & Sciences School and as director of this Master of Liberal Arts Program. In 1996, he helped establish the American Culture Studies Program and became its first director.

A popular teacher, Fields has received numerous teaching accolades, including the Faculty Award for Excellence in Teaching and the Interfraternity Council’s Excellence in Teaching Award. In addition, he has been awarded fellowships from the Woodrow Wilson Foundation and the National Humanities Institute.

He earned a bachelor’s degree in English and philosophy from Augustana College and his master’s and doctoral degrees from the University of Chicago. For more information, call 935-4620 or go online to assemblyseries.wustl.edu.
Life insurance open enrollment coming: investment seminars set

There will be an open enrollment period for optional term life insurance from April 10 through April 19. During this period, if an employee is currently enrolled and not married (four times base salary) in the optional term life plan, he or she may purchase one additional term life policy at a cost of $2.50 per $1,000 of base salary. The new coverage would be effective May 1. This provision will allow faculty and staff to make any additional or new enrollment of employee pre-tax deferrals and after-tax contributions from the minimum required plan contribution up to the maximum IRS contributions.

Regardless of whether employees pre-tax deferrals and after-tax contributions, they will receive the same University contribution based on their age and satisfying the two-year service requirement.

Additional information will be provided at the "Benefits Plan for the Future" employee meetings from April 18-19.

Roth option

The Roth option will be added to the retirement education seminar effective July 1. This provision will allow faculty and staff to make any additional or new enrollment of employee pre-tax deferrals and after-tax contributions from the minimum required plan contribution up to the maximum IRS contribution.

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Additional information will be provided at the "Benefits Plan for the Future" employee meetings from April 18-19.

Jon Cook to speak on craft of poetry

For Cook, the visiting Finnish Hurst Professor of Creative Literature in the Writing Program in Arts & Sciences, will speak on the craft of poetry at 7:30 p.m. April 19

The event, "Literary Reading: Craft of Poetry," is the second of a four-part series on creative writing sponsored by the English Department and the Writing Program. They are free and open to the public.

Cook is the author of two books, including "In and Out of Their Time: A Poetics of Silence," which won the 2004 Poetry Society of America's Gerald��

Women runners win WUSTL Invitational

The women's track and field team won the WUSTL Invitational on April 7. The women stood first after scoring 189 points, while the men took fifth, scoring 165.

Men swimmers tops academically in D-I

The Missouri men's swimming and diving team has been extended its winning streak with 7-0 victories against all Mid-American Conference foes in doubles April 1, and still in all record in dual meets.

Record.

11 trees planned for Earth Day

A collaborative effort between students, staff and the University Administration has resulted in the planned planting of 11 trees on the Hilltop Campus.

A ceremony will be held at 2 p.m. April 14 in Stocking Memorial Library Corridor, corridor B-A, 10-30 a.m.

Reservations are not required to attend a seminar.

For more information, contact your benefits department.

Kennedy to present original chamber works

Kennedy has received several prestigious composition honors, including five ASCAP Morton Gould Young Composer Awards. His work has been performed by the American Composer Orchestra, the Bloomington Camerata Orchestra, the Polish National Chamber Orchestra of Shupak, the Haddonfield Symphony and the Shenandoah Symphony Orchestra, among others.

Kennedy's music is published by Theodore Presser Co., the oldest — and among the most distinguishes — music publishers in the United States. Kennedy also remains active as a pianist, performing both as a soloist and in collaboration with such distinguished artists as violinist Lara St. John and Robert Felder.

The concert is free and open to the public. For more information, call 935-4841 or e-mail staylor@wustl.edu.

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Kleinman to pursue joint degree in law, public policy  

From Page 1 

they are committed to using their influences to foster citizenship to making this a world a better place.

Kleinman is majoring in philosophy and Arts & Sciences. After graduation, she plans to pursue a joint degree in law and public policy.

“I’d like to work my way into the center of a debate in the court system and some day be as elected official so that I can bring about needed changes by speaking for people whose concerns I share,” Kleinman said.

“I would like to make it through the system to the point of being able to go directly to the court system and have some say in how I want to see things, and to be a part of the change,” she added.

“Kleinman does not have a specific goal in mind, but she hopes to use her studies to make a difference in the world. She plans to pursue a career in law or public policy and to continue her work in helping others.

Perturbations of the habitat may exacerbate the situation. When searching for new homes, Kleinman and her colleagues are looking for a location that will provide a safe and healthy environment for the future generations. They are committed to making a difference in the world and are working towards a better tomorrow.

Pollinators

Kleinman

By NEIL SCHONHERR

Do you consider yourself a moral person? Most of us do. It’s true that you can’t exactly make us moral beings!

The study performed by Janette A. Steets of the University of Washington and Tia-Lynn Ashgar, a graduate student, was designed to observe how people would react in the face of moral dilemmas.

The study was conducted at the University of Washington and included 100 participants. The participants were randomly assigned to one of two conditions: a condition in which they were asked to identify situations in which they could help, and a control condition in which they were asked to identify situations in which they could not help. The participants were then given a list of scenarios, each of which described a situation in which someone was in need of help.

The results showed that people were more likely to help in the condition in which they were asked to identify situations in which they could help. This suggests that the opportunity to help, even if it is not immediately obvious, is an important factor in determining whether someone will help.

Kleinman  

Moral psychology conference to be held April 8-9

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Sam Fox School honors distinguished architecture alumni

The Sam Fox School of Design honors exceptional dedication and vision through their annual Outstanding Architecture Alumni Award for Architecture (2005-06); and the Architectural Thesis One Award for emerging architecture (2002). In 2003, Architectural Record named SCDA as one of the 10 Design Vanguards redefining the global scene.

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Fatty acids play important roles in health and disease. Scientists used to think cells just kind of passively absorbed those fatty acids, but in the early 1990s, Nada A. Abumrad, Ph.D., helped change all that.

She proposed that cells must use receptor proteins to import fatty acids. At the time, it was a very controversial idea, and it’s almost certainly an idea she never would have come up with if her parents hadn’t been pushy.

“I didn’t want to go into sci-
ence,” actually, Abumrad explains. “I wanted to be a writer, a journal-
ist, but my parents kept pushing me toward medicine.”

Abumrad, now the Dr. Robert C. Atkins Professor of Medicine and Obesity Research, decided to split the difference. She wasn’t interested in becoming a doctor, but to appease her parents, she studied biology in college while still taking some literature courses “on the side.” Eventually, she dropped her let-
erature and stuck with biology, not that her mother was completely happy.

Abumrad’s mother was a math teacher. She had five children, so eventually she stopped working to take care of the family. Abumrad’s father did various jobs when she was growing up in Beirut. He worked for an airline and at a casino. Although neither of her parents had a real background in science, they cer-
tainly wanted their daughter to go in that direction.

“They would just keep insisting and wear you out,” Abumrad re-
calls. “Even though I went into sci-
ence and enjoyed it and did pretty well, until about five or six years ago, my mother still would say, ‘I should go back to school and get a medical degree. She just thought medicine was more secure in the long term.”

Abumrad earned degrees in natural science and nutrition from the Faculties Sciences and the American University of Beirut in Lebanon. Then she got married and moved to the United States with her husband, who was doing a fellowship at the University of Nebraska in Syracuse. She worked in a lab for about a year before deciding to pursue her doctorate.

As it happened, she also had a baby to work toward the de-
gree on a part-time basis for about two years before finally going back full time and completing her doc-
torate in pharmacology.

“That whole period was ex-
tremely, extremely busy,” she says. “I would take care of my son, Jad, during the day and then spend half of the night getting my work done. Luckily, I had a wonderful neighbor who was super helpful in taking care of the baby when I got overwhelmed.”

Soon Jad was in day care, and Abumrad was working full-time. For the longest time, I felt guilty about that,” she recalls. “But I think, looking back, it was a great thing for both of us. I think he gained a lot of confidence and independence.”

Jad grew up to make his moth-
ther very proud. He works in New York for National Public Radio and produces the Edward R. Mur-
row Award-winning program Radio Lab.

“I’m very proud of him, and I just love the fact that his work is in journalism, a profession that I also love,” she says.

After completing her doctorate, Abumrad went to work as a research associate in the Depart-
m of Cell Biology at Syracuse University, but not long after tak-
ing that job, her young family was off to Nashville, Tenn., where she became a postdoctoral fellow in Vanderbilt’s physiology depart-
ment. That’s where she began to study fatty acid transport. That’s also where her family life suddenly changed.

The first of five children, Abumrad’s siblings include two sisters, Huda, a painter and man-
ger of a line of beauty products, and Randa, who has a public rela-
tions agency and also likes to ren-
ter house. A brother, Rafik, who says, “doesn’t have any creative genes and collects de-
machines,” is a mechanical engineer and has a consulting firm for en-
ergy management. Her younger brother, Rafik, earned a degree in psychology. As they had done with her, Abum-
rad’s parents pushed Rafik to con-
tinue his education and become a doctor rather than remain a psy-
chologist. But he never got the chance. As he was finishing up his master’s degree in psychology at Vanderbilt, Abumrad’s brother suffered a ruptured brain aneu-
rysms and died.

That changed her life in two big ways. First, she lost her baby brother. Then, because Rafik’s wife was having health prob-

lems, Abumrad took in their 6-
year-old son, Ramzi. Now 23, Abumrad considers Ramzi her second son. Ramzi just graduated from Vassar College with a degree in psychology.

During those years at Vanderbilt, Abumrad published a couple of papers that were proving it wasn’t possible to explain fatty acid transport with the accepted theory that fatty acids moved across cell mem-
branes in a passive manner. She proposed that a protein receptor was facilitating fatty acid entry into cells, and that went against the grain of most of her col-
mates’ beliefs.

That began to change when she reached her next destination at SUNY Stony Brook. The main reason was that she identified a protein. Called CD36, the protein did the things Abumrad had ar-
scribed to fatty acid transport and metabolism of fatty acids.

“When you have a protein, you must have something you can work with,” she says. “I think people started believing more in the work when we had mouse models and could demonstrate that CD36 did have a role in fatty acid up-
take and utilization in vivo.”

One of her colleagues at both Vander-
bilt and Stony Brook, Roger Johnson, says Abumrad was very persistent in winning others over to her way of thinking.

“Nada exhibits both the perseverance and curiosity necessary to be a truly good scientist,” he says. “She wasn’t in-
terested in becoming a doctor rather than remain a psy-
chologist,” he says. “She provides us with the ability to evaluate the cellular mechanisms responsible for the metabolic abnormalities associated with obesity. She also has been able to translate her dis-
covers in animals to humans, which will eventually help us pro-
vide better care for patients.”

Eventually, she was able to re-
cruit Abumrad to come to St. Louis as the first Atkins Professor. And Abumrad says she was excited to come because of the strong re-
search environment here and the opportunities here to participate in research into so many diseases related to fatty acid metabolism.

“When I visited, I kept think-
ing, ‘Wow. My work would inter-
face well with this person’s work’,” she recalls. “There are so many outstanding people here working in the fatty acid area, and the abil-
ity to collaborate was a very im-
portant thing for me.”

The downside of coming to St.
Louis was that her son and nephew stayed behind in New York. But there is an advantage to having family out of town if you like to take trips.

“I try to go for weekends in New York to see my son and my neph-

sister, “And we pack in a lot of theater, opera and restaurants during those visits.”

"Nada A. Abumrad

BURB: Beirut, Lebanon

EDUCATION: Faculties Sciences, B.S., 1972; Faculties Des Sciences, Beirut, Nutrition, 1972; American University of Beirut (M.S. not completed, left for United States), 1978; from SUNY Medical Center, Syracuse, New York, 1978; from SUNY Medical Center, Syracuse, New York, 1984; from SUNY Medical Center, Syracuse, New York, 1990); sisters: Randa and Huda; brother: Camille Awn (passed away by “the awesome” Sarah Jones in 1995); siblings: Randa and Huda; brothers: Roger and Rafik (passed away in 1989); son, Joa, nephew; Ramzi Hobbies/Interests: Travel, theater, opera, movies, books, frisbee, yoga and biking. She’s traveled through Europe to France a couple of times, and one through Tolbarn’s Rose Varby.

Favorite recent book: Bridge and Turned by “the awesome” Sarah Jones

Favorite recent opera: Otto ad

Favorite recent TV show: The Year of Magical Thinking by Joan Didion

(Amount) "The long and winding road"

A lengthy journey to medical leads Nada Abumrad to come up with some novel ideas about fatty proteins