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Brace yourself!

More adults opt for straighter teeth

Time was, braces were an exclusively adolescent enterprise, like acne and the prom. But in the last 10 years, the number of orthodontic patients over the age of 20 has mushroomed. The American Association of Orthodontists estimates there were 300,000 adult orthodontic patients in America in 1970. Today there are close to a million.

Who are these new men and women of steel? And what has brought about this remarkable trend? According to Leo Shanley, of the WH School of Dental Medicine, one major reason for this steady surge of adult patients is the public's perception of orthodontics. "Patients used to feel that once they were past the age of 18 or 20, it was too late to have their teeth straightened," says Shanley, acting director of orthodontics. "Well, that's never really been true. But people are just now beginning to realize how much orthodontics can help them, even as adults."

While orthodontists generally stress health over aesthetics, no one denies that cosmetic appeal is a strong motivation for orthodontic treatment. "An amazing number of adults simply will not smile because they are ashamed of their crooked teeth," says Shanley. "Many will talk only with their hand over their mouth. Their whole self-image can change after braces. That's one of the most gratifying parts of this job. You can see the effect you have on people, not just physically, but also in their confidence. You can change a whole life."

Adult patients frequently are surprised at how inconspicuous their braces are. In fact, the appearance of the braces has changed dramatically in recent years. Gone are the wide metal bands that gave rise to nicknames like "railroad tracks" and "metal mouth." Thanks to an adhesive developed for the space program, essential brackets may now be bonded directly to the teeth. A thin wire, formerly held in place by unsightly metal bands, now spans the dental arch through subtle specks of silver. The wire exerts pressure on teeth to bring them into alignment.

Other advances in the field also have attracted adults to the idea of straighter teeth. Hidden, or "lingual," braces for adults are surprisingly inconspicuous and often can be hidden behind the teeth.

Comedian Bob Hope will deliver the commencement address at WU's 123rd graduation ceremony Friday, May 18, in Brookings quadrangle. Seating will be limited to faculty, family and guests of graduating students.

Approximately 2,100 degrees will be conferred at the ceremony which begins at 8:30 a.m. with the traditional academic procession to the quadrangle. In case of rain, the event will be held at 10 a.m. in the Arena, 5700 Oakland.

Hope is the recipient of 46 honorary doctoral degrees, one of which was awarded by St. Louis University in 1979. His most recent degree is being awarded by Columbia University (New York) this month.

According to Chancellor William H. Danforth, "We are extremely pleased that Mr. Hope could join us. It took two years; he was the first choice of the 1983 senior committee for Commencement speaker, but was unavailable due to a prior commitment. The selection of Mr. Hope for the 1984 Commencement has been enthusiastically endorsed by this year's senior committee."

Hope has performed in hundreds of top-rated television specials. He has starred in over 50 motion pictures with Bing Crosby, Betty Grable, Dorothy Lamour and Lucille Ball, among other performers. He has been featured on more than 1,000 radio shows and has performed in vaudeville and Broadway theatre. Hope has been named "King of Comedy," "Chairman of American Humor" and "Mr. Entertainment."

Born Leslie Townes Hope on May 29, 1903, in Eltham, England, Hope emigrated with his family to Cleveland, Ohio, when he was four. He worked as a dance instructor, clerk, amateur boxer and newspaper reporter before pursuing a career in show business.

Hope has written eight books and has received more than 1,000 awards and citations for his humanitarian efforts. He was presented a Congressional Gold Medal, the nation's highest award, by President John F. Kennedy who called him "America's most prized ambassador of good will throughout the world."

Beginning in 1941, Hope has entertained servicemen at bases and hospitals worldwide. In 1948, he began touring with Christmas shows that became a tradition lasting 22 years. He continues to entertain U.S. military personnel stationed abroad and performs an average of two benefits annually.

Bob Hope to address graduating students

Lecturers review European Jews' plight, pogroms

Three lectures on European Jews in the 1940s will be held March 26, April 2 and April 9. The program, sponsored by the Committee on Holocaust Studies at WU, is titled "Hitler and the Final Solution: The Murder of the European Jews in the Second World War." The lectures will be held in the Ann Whitney Olin Women's Building Lounge.

Christopher Browning, an associate professor of history at Pacific Lutheran University, will speak on "Hitler and the Final Solution" on March 26. Browning will be a fellow at the Institute for Advanced Studies of the Hebrew University of Jerusalem in 1984-85. He has authored many essays and articles on the Holocaust, and has been recently named editor and primary author of The Final Solution, a 500-700 page book.

On April 2, Donald L. Niewy, a professor of history at Southern Methodist University, will speak on "Strategies of Jewish Self-Defense in Germany, 1930-1940."

David Wenzberg, an associate professor of history at Bowling Green State University, will speak on "The Jews of Paris in the 1930s." On April 9.

For more information, call Burton M. Wheeler, chairman of the Committee on Holocaust Studies, at 889-5115.

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Historian to trace roots of medical education

Lester King, a medical historian, will deliver the Fourth Estelle Brodman Lecture at 4 p.m. Thursday, March 29, at Erfanger Auditorium, McDonnell Medical Sciences Bldg., 4565 McKinley. King's lecture is titled "Levels of Medical Education and Practice in America, 1760-1915."

A graduate of Harvard University School of Medicine, King has pursued careers in his specialty of pathology in editorship on the Journal of the American Medical Association, and in medical history. He is the author of some 60 papers in pathology and 40 papers in medical history. His book, The Medical World of the Eighteenth Century (1958), The Growth of Medical Thought (1963), The Road to Medical Enlightenment (1970), The Philosophy of Medicine (1978), and Medical Thinking: A Historical Preface (1982)

An internationally known author and speaker, King was the recipient of the Boerhaave Medal and was president of the American Association of Medical History. Estelle Brodman was director of the medical school's library from 1961 to 1981.

King Symposium features Dellums, candlelight vigil

U.S. Rep. Ronald V. Dellums of California will be the keynote speaker during the 14th annual Martin Luther King Jr. Symposium, March 28-April 4. The theme of the symposium, which is held in memory of King's assassination April 4, 1968, is "Rededicating Ourselves to His Idea."

Dellums' talk, titled "Forward Together — The Challenge of Oneness," will be at 11 a.m. Friday, March 30, in Graham Chapel. An informal discussion with Dellums will be held from 2 to 4 p.m. that day in the Ann Whitney Olin Women's Building Lounge. All symposium events are free and open to the public.

A voter registration drive will be held weekdays during the symposium from 10 a.m. to 2 p.m. in the concourse, Mallinckrodt. The St. Louis League of Women Voters will hold a voter education workshop and mock caucus from 7 to 9 p.m. Thursday, March 30, in Lambert Lounge, Mallinckrodt.

The Katherine Dunham Dance Company will perform during a "Creative Arts Potpourri" at 6 p.m. Sunday, April 1, in Holmes Lounge.

Highlights of the St. Louis Kwanzaa celebration are held the last week of December, will be shown on video at 7 p.m. Tuesday, April 3, in the Association of Black Students' Lounge in the Women's Building.

The symposium events are sponsored by the Association of Black Students, Black Studies Program, Student Education Service, Student Union and Assembly Series.

Braces — continued from p. 1

Braces are tucked behind the teeth, on the tongue side. They move teeth more slowly than conventional braces and can double treatment costs, but they are available. Most orthodontists recommend lingual braces only for patients — like professional models — who could not tolerate the tinsel-teeth look.

In some unusual cases — about five percent — the orthodontist may recommend orthognathic surgery. This marriage of the orthodontist and the oral surgeon has brought about a mini-revolution in the teeth-moving business. "Because of advances in this field, we can do things today that we couldn't even dream of just a few years ago," says Shantly.

Other contributing factors to the adult orthodontics trend include the rising popularity of insurance coverage and a multi-million dollar advertising campaign sponsored by the AAO.

Of course, as more and more adults proudly wear their braces, fear of social rejection will evaporate. Already, grown men and women can be seen yawning wide at cocktail parties in hopes that someone will notice their new badge of courage.

With the baby boom bottoming out and dental schools graduating more orthodontists, concentration on adult patients is bound to increase. The new affordability and acceptability of adult orthodontics is bringing a bright, straight smile to the face of America.

Kenneth A. McClane Jr., associate professor of English at Cornell University, will read from his works at 7 p.m. Tuesday, March 27, in the Ann Whitney Olin Women's Building Lounge. McClane has published six books of poetry and is an advisory editor of Epoch, a magazine of contemporary literature.

Catalona heads urology division

William J. Catalona has been appointed chief of the Division of Urology in the Department of Surgery at WU's School of Medicine.

Announcement of the appointment was made by Samuel A. Wells, head of the Department of Surgery. Catalona will serve as university chief at Barnes, Children's and Jewish hospitals. He also holds appointments at John Cochran Veterans Administration Hospital and St. Louis County Hospital.

Catalona joined WU's School of Medicine in 1976 as an associate professor in urology, and was named professor in 1982. A specialist in cancer diagnosis and treatment, Catalona has researched the relationship between tumor growth and the body's natural defense mechanisms. He has written extensively on the management of bladder and prostate cancer through chemotherapy and surgery. Recently he has evaluated the promise of interferon as an anti-cancer drug.
NOTABLES

Garland E. Allen, professor of biology, will address the Department of Genetics at the University of Pittsburgh Medical School later this month. His presentation is titled "Genetics. Eugenics and the Founding of the Eugenics Record Office in Cold Spring Harbor. 1910-1940." Allen will give a similar address at a Wichita University biology seminar in April.

Robert J. Benson, associate vice chancellor, and Harriet K. Switzer, secretary to the Board of Trustees, were guest lecturers at Maryville College as part of Maryville's spring lecture series. titled "After 1984: Megatrends." Benson's lecture on Feb. 9 was titled "From an Industrial to Informational Age." Switzer spoke on Feb. 22 on "Megatrends: A Challenge for the Future."

Daniel N. Bloom and Scott D. Cooper, both 1984 University of Tennessee graduates, will represent WU at the national championship in 1983. Jules B. Gerard, professor of law, Daniel N. Bloom, professor of economics, and William H. Butterfield, associate professor and chairman of the department, served as guest editors of the winter 1984 issue of the Practice Digest, a quarterly publication of the National Association of Social Workers (NASW). The winter issue was dedicated to "The Future of Advocacy in the 1980s." Gerard presented a paper on "The Future of Advocacy in the 1980s" later that day.

William H. Butterfield, associate professor in the School of Social Work, served as guest editor of the winter 1984 issue of the Practice Digest, a quarterly publication of the National Association of Social Workers (NASW). The winter issue was dedicated to "The Future of Advocacy in the 1980s." Gerard presented a paper on "The Future of Advocacy in the 1980s" later that day.

David Felix, professor of economics, recently lectured at the National Institute of Mexico City. On March 5, he spoke on "A Critical Appraisal of the New Classical Macroeconomics." He also spoke on "Financial Blowups and Authoritarian Regimes in Latin America" on March 4 at a meeting of the National Institute of Mexican Economists in Mexico City.

Suzanne Grace, part-time lecturer in dance, has been invited by the Lexington Ballet to teach modern dance during the company's four-week summer workshop in Kentucky. She also will choreograph a new work for selected dance students.

Jules B. Gerard, professor of law, was one of three commentators to speak on "The Insanity Defense: New Developments and the Abolitionist Drive." Feb. 24 at a conference on mental health law at the University of Miami School of Law. On Feb. 25, Gerard presented a paper on the "Use of the Medical Model in the Insanity Defense." He was one of two commentators to speak on "The Future of Advocacy in the 1980s" later that day.

William Kirby, assistant professor of art, will speak on "Chiang Kai-shek and the New Life Movement" at the spring 1984 meeting of the Midwest Regional Seminar on China, held on March 3 to honor the visit of Li Zongyi, director of the Republican History Project, Institute of Modern History, Chinese Academy of Social Sciences, Beijing.

James McGarrell, professor of art, was a panelist at the annual meeting of the College Art Association of America in February in Toronto, Canada. He also is a subject of a feature article, titled "The Recent Paintings of James McGarrell," in the March issue of Arts Magazine. The article was written by Edward Bryant of the University of New Mexico.

Alphonse Peterson, associate professor of oral diagnosis and radiology at the School of Dental Medicine, recently presented a table clinic on "Electroscopy for Foreign Body Damage to Oral Tissues." Peterson spoke at the 119th Chicago Dental Society Midwinter Meeting.

Peter H. Raven, professor of biology and director of the Missouri Botanical Gardens, delivered the Seventh Annual Thomas S. Hall Lecture on March 13 in Graham Chapel. Raven's lecture was titled "U.S./Third World Flash Point: Tropical Deforestation." The Hall lecture is named in honor of the WU professor emeritus of botany and history and philosophy of science and former university president Thomas S. Hall. Raven has spoken widely on environmental issues in the tropics and its impact on the well-being of the countries involved. Widespread deforestation, said Raven, leads to social disruption, disease, immigration and a lessening of meaningful participation in the world's economy.

Eli Robins, Wallace Renard Professor of Psychiatry at the School of Medicine, was elected to honor membership of the St. Louis Metropolitan Medical Society. Honor membership entitles Robins to all privileges of active membership without payment of dues.

Martha Storandt, professor of psychology, has been appointed to a three-year term on the National Advisory Council on Aging of the National Institutes of Health.

Virginia V. Weldon, deputy vice chancellor for medical affairs at the WU School of Medicine, received the Smith College Medal on Feb. 22 from Smith College, the largest private liberal arts college for women in the country. Weldon, a 1957 cum laude graduate of Smith College, received the award because she exemplifies "the true purpose of liberal arts education." Weldon also is professor of pediatrics at the medical school, vice president of the WU Medical Center, and a staff physician at Barnes and Children's hospitals.

Gerhard Scholz-Williams, associate professor of German, has been invited to present a lecture at the Chicago Renaissance Conference, March 29-31. The theme of the conference is "Harvest of the Middle Ages: Culture in Late Medieval Renaissance Literature and Arts." Williams will speak on "Comic and Satiric Aspects in Some Late Medieval Texts." The conference is sponsored by The Renaissance Society of Chicago and the Renaissance Society of America.

Adult Fitness Program offered

The Department of Athletics is sponsoring an Adult Fitness Program from March 27 to June 2. The program will be offered on Mondays, Wednesdays and Fridays from 7 to 8:30 p.m. Under the direction of Richard Larsen, an instructor and coach in the department, participants will perform carefully graded exercises, along with progressive jogging, to promote cardiovascular endurance, muscle tone and flexibility.

The fee for the program is $40. An optional pre- and post-fitness evaluation is available for $20. For information, contact Larsen at 889-5220.

The Krebs Accounting Club recently was installed as the first student chapter affiliate of the St. Louis chapter of the National Association of Accountants (NAA). The installation took place on Feb. 21 at the St. Louis chapter's regular monthly meeting. John Moore, national director of the NAA's Midwest region, presided over the installation, and presented Lisa M. Marcus, student president of the Krebs Accounting Club and a senior in the business school, with the student affiliate plaque.

Krebs Accounting Club installed

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Winter warm-ups. What better way to spend a sunny afternoon in February than to stretch and bend a winter-wary body? A group of hardy exercisers met every weekday on Bowles Plaza during Health Week, Feb. 13-18. Others found these energetic meetings far more interesting to watch than to join.

Engineering publications win awards

Publications of the School of Engineering and Applied Science took top honors this year in the annual technical and arts and writing competition held by the St. Louis chapter of the Society for Technical Communications. Both an Award of Excellence and a Best of Show Award went to the technology and human affairs department's booklet, "Graduate Study Opportunities." The booklet was written by William F. Darby, associate professor and acting chairman of the department, and was designed and illustrated by Suzanne Sates, of the engineering school's publications and illustration group. The booklet now advances to competition at the 51st International Technical Communications Conference, to be held April in Seattle.

The general information brochure of the Biomedical Engineering Program garnered an Award of Achievement in the St. Louis contest. Harold W. Shipton, professor of biomedical engineering and chairman of the program, and his secretary, Rita Sand, wrote the brochure. Donna Burke, of the publications and illustration group, created its artwork.

Another member of the group, Deborah Moellerling, received two Awards of Merit for her line renderings of machines used to study tumors and heart functions in mice.

In the category reserved for student writing, Michael S. Radovan (BSCHE '83) received an Award of Achievement — the highest award given in this category — for his feasibility report on "The Addition of a Bailing Machine to Assembly Line D64." Radovan's report was his thesis paper for Technical Writing 310, a technology and human affairs course.
March 22-31

**Lectures**

**March 23**


- 1 p.m. Department of Music Lecture Series, "Reasons for and Against Modern Compos- ition." St. Louis Symphony: Blewer B 8.

- 5:15 p.m. Newman Center (Medical Cam- pus) Lecture, "On the Road: "Fitzcarraldo." S2. Brown Hall Aud. (Also Tues., March 27, 7 and 9 p.m. and Sun., April 1, 9 p.m. Brown.)

**March 24**

- 10 a.m. Saturday Seminar Roundtable Dis- cussion, "What is God?" Hillel House. 6300 Forsyth Blvd.

- 12:05 p.m. Biomedical Engineering Program Colloquium, "Behavioral Interventions for Disorders of Inhi- bition in Children." Robert V. Steinberg, director, Children's Hospital, St. Louis.


- 5:45 p.m. Hillel Foundation Services, Lecture and Discussion, "Racism in Europe Developing from the Eastern Front." B. K. Hall.


- 10 a.m.-5 p.m. Noon Art Gallery. 10 a.m.-5 p.m. weekdays; 1-5 p.m. week- ends. Through May 1. Medical Library Bldg. upper gallery. 10 a.m.-5 p.m. weekdays; 1-5 p.m. Sun. Through April 1. Washington University Art Gallery. 10 a.m.-5 p.m. weekdays; 1-5 p.m. Sun. Through April 1.

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**March 25**

- 2 p.m. Baseball, WU vs. McKendree College. For- tune Park.

**March 26**

- 10 a.m. Men's and Women's Track, WU In- vitational Meet at Ladue High School. Washington University. Steinberg Aud. 10 a.m.-5 p.m. through April 1. Washington University. Steinberg Aud. 10 a.m.-5 p.m. through April 1.

**March 27**

- 2 p.m. Men's Tennis, WU vs. Maryville Col- lege. WU tennis courts.

**March 28**

- 1 p.m. Golf, WU vs. McKendree College. For- tune Park.

- 5:30 p.m. Women's Tennis, WU vs. Mesa- ine Junior College. WU tennis courts.

**March 29**

- 1 p.m. Baseball, WU vs. Millikan U. (Double-header) Baseball Field.

**March 30**

- 2 p.m. Golf, WU vs. McHenry College. (Doubleheader) Baseball Field.

**March 31**

- 1 p.m. Baseball, WU vs. Millikan U. (Double- header) Baseball Field.

**March 31**

- 11 a.m. Noon Art Gallery. 10 a.m.-5 p.m. weekdays; 1-5 p.m. Sun. Through May 1.