A first for the Employer-assisted Housing Program

At a media conference Friday, Aug. 22, in front of their new home in the 1000 block of South Taylor, Eric Ahern and Elizabeth de la Garza-Ahern are recognized by Mayor Clarence Harmon (left) and William A. Peck (right), M.D., executive vice chancellor for medical affairs and president of the School of Medicine, as being the first couple to purchase property through the Washington University/Medical Center Employer-assisted Housing Program. Eric Ahern is a research technician in radiology at Washington University who recently married and moved into the house. The program is sponsored by the City of St. Louis and several non-profit groups.

'More than the sum of its parts'
Reorganization should enhance students' experience

A part of an ongoing endeavor to enhance students' experience at Washington University, James E. McLeod, vice chancellor for students, has announced a reorganization of the areas that deal directly with students in a day-to-day manner.

The modification, which pulls all areas connected with the students' campus life under one administrative umbrella, includes names four assistant vice chancellors for students. The four, comprising a new administration, and the continuing staff members, are:

• Jill E. Carrughi, who joins the University as assistant vice chancellor for students and director of campus life;
• Justin X. Carroll, formerly dean of student affairs, now assistant vice chancellor for students and dean of students;
• Karen Levin Coburn, formerly associate dean of student affairs, now assistant vice chancellor for students and associate dean for the freshman transition, and
• Steven P. Hoffinger, who joined the University in March as assistant vice chancellor for students and director of operations.

The impetus for the reorganization began two years ago when Chancellor Mark S. Wrighton charged McLeod with identifying areas that deal directly with students, including the offices of admissions and financial aid.

"We are accomplishing with these four assignments is to put mature and experienced leadership in key areas where we need to make great progress," said McLeod, who also serves as dean of the College of Arts and Sciences. "Each new role offers focused responsibility and the six of us — which also includes John A. Berg, associate vice chancellor for students — will work together to improve the students' total experience. The idea is to make this more than the sum of its parts."

"Within the new structure," McLeod continued, "sharper focus will be directed to five areas: the recruitment of talented students; the role of student organizations, activities and events; the health and fitness of our students; the intellectual development and success of all our students; and more efficient management of operations and planning."

McLeod also targeted the University’s new residential college setting as a priority. Residence halls are being arranged in subset communities of about 300 students with the aim of providing students with everything from an enhanced sense of kinship, to expanded programmatic choices, to increased faculty and staff presence and support, to additional common areas for study or gathering.

Continued on page 5

Assembly Series features religion scholars and scientists

In 1953, James Watson, with Francis Crick, successfully proposed the double helical structure for DNA, a feat described by Sir Peter Medawar as "the greatest scientific achievement of the 20th century," and for which, in 1962, they were awarded the Nobel Prize in biology or medicine. Watson, also an author, has written the seminal text "Molecular Biology of the Gene," as well as the best-selling autobiographical volume "The Double Helix."

As leader of the Cold Spring Harbor Laboratory in New York, he has been instrumental in the development of the Human Genome Project, an international effort to decipher the genetic blueprints of the human body, and served as director of the National Institutes of Health’s National Center for Human Genome Research from 1989 to 1992.

Other lectures in the fall Assembly Series are:

Sept. 10: Religion scholar Elaine Pagels gives the Woman's Club Lecture, "The Origin of Satan."

Sept. 17: Robert Alter, professor of comparative literature and religion at the University of California at Berkeley, discusses "The Double Canonicity of the Hebrew Bible."

Continued on page 6

Researchers at Washington University are developing a novel way to detect breast cancer that efficiently and economically evaluates mammograms for early detection of breast cancer. The method also could reduce costs involved with unnecessary trips to specialists to interpret X-ray images.

It is now estimated that breast cancer will strike one in nine adult American women. Recently revised guidelines from the National Cancer Institute, the American College of Radiology and other national health organizations encourage women older than 40 to have a yearly mammogram. Women younger than 40 are in a family history of the disease. Preliminary studies have shown that women 50 and older.

More than worth the effort, the researchers published the description of their method and their results in the 1997 issue of Academic Radiology.

"The numbers are highly encouraging at this developmental stage," said Mark S. Wrighton, chancellor for medical affairs and dean of the School of Medicine, as being the first couple to purchase property through the Washington University/Medical Center Employer-assisted Housing Program. Eric Ahern is a research technician in radiology at Washington University who recently married and moved into the house. The program is sponsored by the City of St. Louis and several non-profit groups.

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Protein reverses vascular, nerve damage in diabetic rats

Schoo of Medicine researchers recently announced that a small waste product known to be a useless byproduct of insulin metabolism can offer a promising new lead in the treatment of Type I (insulin-dependent) diabetes. They found that treatment with a protein called C-peptide could prevent cardiovascular disease in diabetic rats and reverse nerve damage. The researchers believe the findings could lead to the development of a new drug to treat diabetes.

C-peptide is a byproduct of insulin metabolism, produced when the pancreas releases insulin to control blood sugar levels. Previous research has suggested that C-peptide might have some biological effects, but these effects may be too small to be clinically relevant. However, the new study found that C-peptide could prevent and reverse vascular and nerve damage in diabetic rats, even when the rats were already on insulin therapy.

The researchers injected diabetic rats with C-peptide and monitored their blood vessels and nerves. They found that the animals' blood vessels and nerves were more damaged than those of normal rats, but the C-peptide treatment significantly reduced the damage. The treatment also improved the function of the blood vessels and nerves, allowing blood flow and oxygen to reach tissues more effectively.

The researchers say the findings could lead to the development of a new drug to treat diabetes, which could prevent or reverse the complications of the disease. They also hope to use the findings to develop new treatments for other diseases, such as cardiovascular disease and stroke.

The study is described in the July 25 issue of Science. The researchers say they are now working to develop a drug based on the findings and hope to begin clinical trials within the next few years.
Rotroff unburies conundrums of history

She began her studies in the area as a dissertation topic.

The fifth century B.C. in Athens has been placed on a pedestal by later ages," Rotroff said. "That was when the Parthenon was built and playwrights were writing plays that are still admired today.

"The Hellenistic Period was not seen as the most interesting or inspiring period. People hadn't worked on it that much. But I've always been interested in working in a backwater. So when I was looking for dissertation material and this was available, I was thrilled to get it. It was challenging because there was not much material available in libraries on this period.

During the information required quite a bit of detective work on Rotroff's part. Because most of the pottery had been excavated from ancient wells that had gone dry and then were used for refuse disposal, Rotroff looked for other discarded items, such as coins, that could be dated and tied to the pottery.

Nearly 200 wells and cisterns were filled in during the Hellenistic Period, producing an abundance of pottery for Rotroff to study. She chose to examine one shape of pottery used as drinking cups, which contained relief designs. Approximately 1,600 pieces of pottery had been inventoried from the excavation site.

To create her dissertation, Rotroff had to review each piece of pottery. She also reviewed pottery fragments in storage, as well as previously dated deposits from the site.

The result of her work has been published in two volumes. The first, in 1982, was her dissertation, "The Athenian Agora XXIII, Hellenistic Pottery: Athenian and Imported Moldmade Bowls." The second volume focused on other tableware and was published this year under the title "Hellenistic Pottery: Athenian and Imported Wheelmade Tableware From the Athenian Agora."

Rotroff's work has received notice not only in archaeology circles but also from the John D. and Catherine T. MacArthur Foundation, which awarded her a five-year fellowship in 1988. The award allowed Rotroff to take some time off and complete her second volume.

Rotroff joined Washington University in 1995.

"Professor Rotroff is among the very few recognized as world authorities on Greek pottery," said George M. Pepe, Ph.D., associate professor and chair of the classics department. "She's someone of that stature who is a very supportive academic and this was available in libraries on this period."
Calendar

Exhibitions
Selections From the Washington Univer-
City Art Collections. "Art in the Age
Exhibit runs Sept. 2 through Oct.
22. "Leonard Bakus: Prints." Exhibit
3 through Dec. 7. Gallery of Art,
549-5900.

Site As Context: Schools of Art and
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Films
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Travel Lecture Series ushers in
WU Association's 100th year
The 1997-98 season of Washington
University's Travel Lecture Series is ready for takeoff, and
teachers and students will include:
Sweden, Spain, Wales, the American
West and Japan. The series, which is
presented by the Washington University Association — an organization dedi-
cated to extending the University's resources to the community — will offer
nine travelogues, including a special
bonus show, "People of Poland," in
September to celebrate the association's 100th anniversary as St. Louis' oldest
lecture series.

The Travel Lecture Series is a monthly series of travelogues that take
place on Friday evenings at 6 p.m. and
then 8:30 p.m. in Graham Chapel. Subcription to the program costs $26 for
a single enrollment and $43 for a
double enrollment.

The Washington University Associa-
tion was established in 1898 to extend the
University's educational mission to
the St. Louis community. In its original
incarnation, the association planned a
series of lectures each year designed
to educate the public on a variety of
issues. Some of the lectures addressed
local politics and University issues
while others presented travelogues or
topical explorations in areas such as
science, art and sociology. By the early
1950s, the chief focus of the
association's lecture series had become
travelogues, although it was not until 1983 that the series became formally
classified as the Travel Lecture Series.

The 1997-98 Travel Lecture Series is as follows:

Sept. 12: "People of Poland" by Charles Hartman;
Oct. 3: "Japan" by Dwayne Merry;
Nov. 7: "Seven Isles" by Grant Foster.
Dec. 5: "Iceland: Europe's Wild
Gem" by John Wilson;
Jan. 2: "Feud, Star of
Scotland" by Jim Cole;
Feb. 6: "Montana: Beneath the Big Sky" by Dale Smith;
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For more information or to register, call Jennifer Wimer at (314) 935-5212.

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Mature and experienced leadership placed in key areas — from page 1

Carnaghi, who came to the University in June after serving six years as director of residential life at the University of Vermont, is responsible for coordinating and directing student activities and events; student organizations, including Greek affairs; space management and scheduling; University calendar and bulletin boards; and conference planning.

While at Vermont, she also served as an adjunct faculty member in the Higher Education and Student Affairs Administration graduate program. She was at Indiana University in Bloomington from 1985 to 1991, first as a graduate assistant to the dean in the School of Education and then as the assistant to the dean. Carnaghi held various residential life positions at Michigan State University (1975-77), the University of California at Davis (1977-79 and 1982-85), and at the University of Pennsylvania (1979 to 1981). Active in the profession, she currently serves as treasurer of the American College Personnel Association.

Carnaghi received a bachelor of arts degree in human development and recreation in 1975 from Purdue University in West Lafayette, Ind. She earned a master of arts degree in college and university administration in 1977 from Michigan State University. In 1992, she received a doctorate of philosophy in higher education administration from Indiana University.

Carroll's responsibilities include overseeing the departments of Housing and Residence Life; Athletics and Judicial Affairs. In addition, he will guide the development of the "residential college" system and assist in directing the construction of seven new residence halls and the renovation of the existing halls. Carroll also serves as dean of students to the University's 5,000-plus undergraduates.

Carroll joined the University in 1981 as director of student activities. In 1986, he was named associate dean of students and acting director of residential life. He was appointed acting dean of student affairs in 1992 and was named dean in 1993. Last year, he also oversaw the merger of the housing operation and the residential life program. Before coming to Washington University, Carroll was coordinator of student organization development at the University of Iowa.

Carroll earned a bachelor of arts degree in political science and history in 1972 from Benedictine College in Atchison, Kan. He received a secondary teaching certificate from the University of Missouri at St. Louis in 1974, and a master's degree in college and student development in 1979 from Southern Illinois University at Carbondale.

Coburn is responsible for guiding the departments of health services, counseling, disabled student services and orientation, as well as the international office. She also will work with schools and departments on the transition of first-year students to the University.

Coburn joined the University in 1979 as coordinator of career planning in the Career Center. She became associate director in 1981 and director in 1982. Coburn was named associate dean for student development in 1987, designing and implementing a comprehensive program of extra-curricular experiences for under-classmen. Prior to her service at Washington University, she was director of counseling at Fontbonne College in St. Louis from 1974-78. A licensed psychologist and professional counselor, she is author of three books, including "Letting Go: A Parent's Guide to Understanding the College Years," which currently is in its third edition.

Coburn graduated Phi Beta Kappa from Skidmore College in Saratoga Springs, N.Y., in 1974, where she earned a bachelor of arts degree in English. She received a master's degree in English in 1964 from Harvard University in Cambridge, Mass., and a master's degree in counsel¬

ing from Wayne State University.

Hoffner joined the University after nearly 20 years in city management work, primarily for communities with a university presence. He oversees the departments of University Police, Parking and Trans¬
poration, and Food Services. He also is responsible for coordinating planning and operations support for all non-academic units that provide student services.

Hoffner served as city manager of Clayton since April 1992. Previously, he was city manager of Carbondale, Ill., from 1989 to 1992; deputy city manager for finance and administration in Kalamazoo, Mich., from 1985-89; city manager of Petoskey, Mich., from 1980-83; and assistant to the city manager of Waukegan, Ill., from 1979 to 1980.

Karen Levin Coburn

Sports

Football team looking to reload in 1997

Although Washington's football squad is returning just 10 of 22 starters from last year's 7-3 squad, high hopes center on a team that reloads in 1997.

Defensively, the Bears' top returnee is senior Brad Klein, voted a first-team all-conference player by the All-American Football Conference.

But, there is more than enough talent remaining, starting with lone senior Linebacker Kevin Vreugdenhil. The team is stocked with the hands of junior middle blocker Jennifer Martsz aided by junior outside hitter Jenny Carige. Junior Meg Vreugdenhil is also one of the finest players to have worn the red and green at their respective positions. "The best defensive team we have had in a long time," head coach Terri Clemens said of the 1997 squad.

Washington opens its season Sept. 5-6 in Topeka, Kan., at the Division II-caliber Washburn University Invitational.
University honors retirees for their years of service

This year 35 years at the School of Medicine's Clinical Research Center, Doris Quarles has seen it come and go— including her boss, William A. Peck, M.D. When Quarles joined the clinic's nursing staff back in 1962, the young Peck, now executive vice chancellor for medical affairs and dean of the medical school, was a fresh-faced resident at the University's teaching hospital.

Three and a half decades later, Peck honored Quarles for her years of service and commitment. "Doris was one of the first faces I recognized when I returned to the medical school as dean," Peck said. "It was a welcoming sight. "This is an occasion of both regret and pleasure," he continued, addressing all of those retiring from the medical school. "Regret for the loss of these people who have contributed so much in making the medical school one of the best of its kind in the world but pleasure for the enjoyment they will have during their retirement."

Quarles was one of about 40 staff retirees from both the Hilltop and Medical Campuses for fiscal year 1997 who were honored at an Aug. 14 luncheon at the Whittemore House. The luncheon was hosted by Chancellor Mark S. Wrighton and John R. Loya, vice chancellor for human resources. Each of the retirees, whose lengths of service ranged from 10 to 43 years, received a commemorative walnut plaque.

Retirees were presented with their awards by the heads of their respective departments. Presenters for the Hilltop Campus retirees were: Shirley K. Baker, vice chancellor for information technology; Lee G. Weeks, vice chancellor for financial operations; Nancy M. Pliske, associate general counsel; and P. Jean Milburn, associate dean for MBA programs at the John M. Olin School of Business. Quarles, who now has more time for in the past, such as University College, Edison hours a day, seven days a week to meet the University's teaching hospital.

"I've always enjoyed my work at the clinic, I've always felt really engaged there," she continued. "They always allowed me to continue my education, which you have to do working in research, and I always felt I was contributing something." Quarles flashed a grin. "Even when it was just my little bit."

In addition to Quarles, the medical school retirees and their years of service are: Winifred Anglin, 16 years; Edith Bank's, 39 years; James Barnes, 26 years; Marcin Benzis, 15 years; Delores Blockton, 22 years; Darlene Bradley, 18 years; Joyce Carter, 28 years; Joane Cavaugh, 24 years; Alexandra Cole, 26 years; Virginia Colombo, 20 years; Clarette Cooperwood, 10 years; Mary Louise Davis, 27 years; Doris Evans, 25 years; Billy Graham, 10 years; Beverly Greiner, 17 years; Mary Lee Grone, 19 years; Dorothy Kohne, 17 years; Ernestine Love, 25 years; Mary "Maggie" Mannetti, 11 years; Walter Nulty Jr., 17 years; D. Ann Schwemer, 19 years; Rose Marie Smith, 26 years; Phillip Sohn, 39 years; Celia Ann Sutera, 15 years; Diana Lee Tesarek, 11 years; Lorraine Vandersteen, 22 years; and Alma Williams, 10 years.

The Hilltop retirees and their years of service are: Elaine Coe, 15 years; Nadine Crane, 11 years; Mary Ann Ferrara, 10 years; Patricia Finner, 21 years; Joanna Field, 21 years; John Foote, 14 years; Dorothy Humphrey, 26 years; Thomas Harig, 34 years; Wallace Jones, 28 years; hand "Peggy" Kim, 28 years; Joanne Margherita, 16 years; Thelma Neuman, 21 years; Paul Schefl, 21 years; and Richard Wurm, 12 years.

Liam Otten

Automated mammogram screening could reduce radiologists' workload—from page 1

size of the clinic and volume of images to process. The expected increase in mammograms could strain the capacity of radiologists to accurately and efficiently diagnose disease.

"If every woman over 40 follows current guidelines, that would be more mammograms than all of the radiologists in the world could handle," said Kwany. "Radiologists would have to work 24 hours a day, seven days a week to meet the demand."

The new method combines wavelet transforms and artificial neural networks to extract images of the subtle markers that constitute automatically "reading" images. Wavelets are sophisticated algorithms that interpret features of an image or other data. Artificial neural networks, simply speaking, are based on the human brain's system for firing off billions of neurons through a network of synapses. An artificial neural network typically comprises a series of processes interconnected by a finer network of "synapses." The way wavelets and artificial neural networks work is by detecting features of an image, separating them into a mathematical hierarchy, much like a sentence or a family tree traces overtones was scratched in the men's dormitory, with Cornell universities.

"In medicine, you're often advised to ask yourself if this method can do at least two-thirds of the work of the radiologist, we try for a third, fourth, nine of them all together," Kalman said. "Less than five percent of all screening mammograms indicate that something is wrong, so if a method like this can do at least two-thirds of the screens correctly, you've reduced the workload of the radiologist by two-thirds."

Reins: "It will take a number of years yet to see if this method can be used for the very large-scale results are encouraging."

— Tony Fitzpatrick

U.S. News ranks WU

17th among nation's top universities

For the second consecutive year, U.S. News & World Report ranked Washington University 17th among the top 50 national universities, according to U.S. News & World Report's 11th edition of "America's Best Colleges."

Ratings in "Best Colleges" are based on hundreds of variables, including the results of a college's peer-to-peer ranking, students' feedback, and the results of a college's alumni surveys. Washington University tied for 17th place with Yale and Cornell universities.

"We are pleased that U.S. News continues to rank us among the top 100 universities," said Benjamin S. Sandler, treasurer and assistant vice chancellor for budget and institutional studies. "The rankings are an important way of measuring how we are doing—the results that are not the best indicator of a school's underlying quality, particularly in making fixed distinctions among individual universities; we value the recognition that a high ranking provides."

To compile the guidebook, U.S. News surveyed some 1,400 four-year schools in areas of academic reputation, retention rates (both graduation and freshman retention), faculty resources, student selectivity, financial resources, and added (a measure of the school's role in the academic success of students) and alumni giving.

WU tied with Harvard as a "best value."

The magazine ranked Harvard and Princeton, tied for first place, as the nation's best universities.

In "best values—ratings — new this year — U.S. News placed Washington University 17th, with Harvard and Cornell universities.

"The ranking," said Sandler, "is the result of the University's steadfast commitment to financial support for students and the financial aid packages it provides."

Three variables were used in the new best values ranking: the ratio of quality, as determined by the overall score in the magazine's best colleges survey, to price; the percentage of students receiving grants that meet students' financial needs during the 1996-97 academic year; and the percentage of a school's total costs covered by the average need-based grant awarded to undergraduate students.

"We are pleased that U.S. News included Washington University in its "America's Best Colleges" issue is currently available online at newsweek.com. The magazine's "best college values" listing will appear in the Sept. 8 issue. An expanded directory with more than seven pages of information on each of the 1,400 surveyed schools, along with links to hundreds of colleges, can be found online at U.S. News. Online at www.usnews.com.
Wolf promoted to assistant athletic director

Michael J. Wolf, who has served as a Washington University assistant director of sports information for the past 13 years, has been promoted to assistant athletic director for media relations. Wolf, who attended the University’s first full-time sports public relations program in 1984 at the University of Illinois, will be one of the closest student-athletes for the GTE Academic All-American® program, serving as a district and national coordinator. Before 1987, he was a member of the CoSIDA Publications Certification Committee for one year.

Wolf’s award-winning sports information office has received 88 CoSIDA publication citations since 1985, including 48 “Best in the Nation” awards.

Besides his day-to-day sports information duties at Washington University, Wolf has been a member of the United States Olympic Committee (USOC) media relations staff for several events, including the 1996 Olympic Games in Atlanta, at which he covered softball, swimming, and tennis.

Obituaries

Reimut Wette, professor emeritus of biostatistics

Reimut Wette, D.Sc., professor emeritus of biostatistics at Washington University, died of cancer Aug. 13, 1997, at McKnight Place in St. Louis County. He was 70.

Wette was professor of biostatistics and professor of preventive medicine at the University of Kansas in Lawrence. He served in that role until 1980. When Wette retired in 1990, the University of Kansas awarded him an honorary degree.

Wette was a member of the American Statistical Association and the Institute of Mathematical Statistics. He was an invited speaker at the 1966 International Biometric Conference in Stockholm.

In St. Louis, Wolf acts as the public-relations director for the National Football Foundation and the College Hall of Fame Tom Lombardo Chapter. He also is an honorary advisory committee member for the St. Louis Senior Olympics.

Guidelines for submitting copy

Send your full name, complete title(s), department(s), phone number and highest-earned degree(s), along with a typed description of your noteworthy activity, to For The Record, c/o David Moessner, Campus Box 1070, or p27245@wldnu.wustl.edu. Items must not exceed seven words. For information, call Moessner at (314) 935-5293.
The following is Washington University's policy on sexual harassment. In italics is a modified commitment to the policy as approved by the University Senate in April.

I. INTRODUCTION AND POLICY STATEMENT
Washington University is committed to providing a positive learning and working environment for all members of the educational community: Sexual harassment is a violation of the equal employment Opportunity Commission (EEOC) and Title IX of the Education Amendments of 1972. Sexual harassment is defined as conduct that is unwelcome, offensive, and creates an intimidating, hostile, or offensive environment. The Washington University Policy on Sexual Harassment, which may range from reprimands to dismissal or expulsion, depending upon the severity of the conduct and the context, is designed to protect individuals from being in a position to retaliate or prevent harassment. Sexual Harassment Hearing Procedures. These procedures may be obtained from the Office of Human Resources. Title IX Grievance Committee (complaints by students) Complaints against students or student groups: Office of the Judicial Administrator Women's Building St. Louis, Missouri 63130

VII. CONFIDENTIALITY
The University will strive to protect, to the greatest extent possible, the confidentiality of sexual harassment investigations and of the complainant and the accused. The University will, to the extent permitted by law, keep confidential all records of complaints, responses and investigations. The records of allegations and investigations maintained by the Coordinator shall be available only to the Coordinator or any of the following University officials for such response. An individual does not have the right to challenge, to those charged with responding to such substance of an investigation or process. This includes the name or names of the complainant or respondent. The University will, to the extent permitted by law, keep confidential all records of complaints, responses and investigations. The records of allegations and investigations maintained by the Coordinator shall be available only to the Coordinator or any of the following University officials for such response.

VIII. VIGILANCE AND REPORTING
Washington University encourages all members of the educational community, to commence its own investigations. The University will strive to protect, to the greatest extent possible, the confidentiality of sexual harassment investigations and of the complainant and the accused. The University will, to the extent permitted by law, keep confidential all records of complaints, responses and investigations. The records of allegations and investigations maintained by the Coordinator shall be available only to the Coordinator or any of the following University officials for such response. An individual does not have the right to challenge, to those charged with responding to such substance of an investigation or process. This includes the name or names of the complainant or respondent. The University will, to the extent permitted by law, keep confidential all records of complaints, responses and investigations. The records of allegations and investigations maintained by the Coordinator shall be available only to the Coordinator or any of the following University officials for such response.