

## *Andrews appointed Dean of the Faculties, Vice Chancellor for Academic Affairs*

On July 1, Moya Andrews was named Dean of the Faculties and Vice Chancellor for Academic Affairs at Indiana University, Bloomington. Andrews has been involved in university administration since 1995 when she was appointed as an Associate Dean of the Faculties. Then in 1999, she was named acting Vice Chancellor for Academic Affairs and Acting Dean of the Faculties.

“I feel very lucky to have this opportunity,” commented Andrews in a recent interview.

As Vice Chancellor, her tasks include encouraging and mentoring young faculty members and selecting faculty for leadership roles, along with trying to support faculty so that they can achieve the recognition they deserve. “I hope to enrich and support the faculty,” said Andrews. “I would like to continue to help build the tremendous intellectual capital we have here at IU.

“We need to make sure to support the faculty so they can succeed in meeting their own goals,” she continued. “But we also need to make sure that individual goals and efforts focus back on the local academic community.”

Andrews noted that being a member of the IU community is both a responsibility and a reward. “This a special place, a community with a special identity,” she added.

Having been at the Bloomington campus since the early 1970’s, Andrews has witnessed quite a few changes in women’s roles. “For women of my generation, when we were first starting out, there were so few women on campus that I knew everyone by name,” she said. “Now, you don’t know everyone’s name because we have increased the number of women so much.

“A lot of people don’t realize that other women have been instrumental in seeing them do well,” she added.

According to Andrews, networking is “critical” for women faculty. “At IU, we’ve always been supportive of each other’s careers,” she commented, adding that mentors are an important part of this process.

Mentoring programs exist through the Office for



**MOYA ANDREWS works on a project in her office. Andrews was appointed as Vice-Chancellor for Academic Affairs and Dean of the Faculties on July 1. She had been the acting vice-chancellor and dean since 1999.**

Women’s Affairs and the Dean of Faculties Office.

Andrews noted that solidarity is important, but that it doesn’t mean that all women have to think the same way. “It means being supportive of other women’s opportunities to succeed,” she said. “Those of us who have been here a long time are very aware of this, of the responsibilities we have to each other.”

Of course, there have been some supportive men along the way. Andrews noted that Ken Gros Louis, vice president for academic affairs and chancellor of the Indiana University Bloomington campus, has always been a wonderful supporter of equal rights. “He has helped to create a climate for women to succeed,” she said.

“Women can’t succeed unless there are just and fair men,” Andrews added. “That’s a strength at Indiana University.”

**SEE “DEAN OF THE FACULTIES”, p. 5**

# Women in Science 2000-2001

## Hanson fought gender gap, became physics professor

Gail Gulledge Hanson is a Distinguished Professor in Physics here at Indiana University-Bloomington. She has been a Professor at IUB since 1989, and a Distinguished Professor since 1997. Born in Dayton, Ohio, Hanson grew up with a knack for math and an interest in art. She became interested in physics, which she sees as a higher art form for understanding how nature works. Physics also involves a great deal of creativity, and she finds the field both challenging and fun.

Hanson received both her B.S. in Physics in 1968 and her Ph.D. in Experimental High Energy Physics in 1973 from the Massachusetts Institute of Technology (MIT). During her time at MIT, the ratio of men to women was about 18 to 1, with only about five women contemporaries that were studying physics. Their small number made the women stand out, and instilled feelings of self-consciousness. Today, Hanson still sees the discrimination against women that she saw back during her school days, but she is determined to be open about it and to fight for herself. Hanson feels that being true to yourself is very important. It is an added benefit when her efforts in pursuing her interests inspire other women. Even though Hanson does not actively pursue being a role model, her success in a male-dominated field can only help others bridge the gap.

Hanson teaches one course per semester, usually a graduate course in particle physics or an introductory physics course. She is currently teaching P221, the calculus-based introductory physics course, which has a high enrollment of women. When she teaches the graduate physics course, however, there are generally only 1 or 2 women per 10 students. Hanson attributes the inability to retain women in the sciences during the college years to the adolescent years when girls are

subjected to social pressures that depict women as inferior in math and science. Hanson feels the efforts to retain women in the sciences must start in middle school.

Hanson's current research interests involve colliding electrons and positrons (matter and antimatter) to create energy using OPAL (Omni-Purpose Apparatus at LEP), which is a large, multi-purpose particle detector, at CERN, the European Organization for Nuclear Research. She is also a collaborator on the ATLAS experiment that will study proton-proton interactions at the Large Hadron Collider at CERN. The ATLAS detector is scheduled to begin operation in the year 2005 and will be used to understand the nature of mass. Hanson is working to enter the field of accelerator physics, a new passion of hers. She recently developed an interest in muon colliders. She is currently in collaboration with Cornell University and is a member of the Neutrino Factory and Muon Collider Collaboration. She is involved in research and development on the ionization cooling of muons. (Muons are heavy electrons that can be accelerated to higher energies with less power.) All of this research stems from the search for new areas of study within the field of physics.

One of Hanson's most important contributions to the field of physics is the discovery of quark jets in electron-positron ( $e^+e^-$ ) annihilation to hadrons. This is her most prestigious contribution because it earned her the American Physical Society W.K.H. Panofsky Prize in 1996. Hanson was a Guggenheim Fellow in 1995-96, a Fellow for the American Physical Society in 1986, and an American Association for the Advancement of Science (AAAS) Fellow in 1975. She is one of only three women at IU to receive the AAAS award, and she is the only woman to have received the Panofsky Prize.

As a graduate student, Hanson was a member of a team at the Cambridge Electron Accelerator at Harvard University that first found evidence that quarks come in



GAIL GULLEDGEHANSON

### *The Majority Report*

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*The majority of students enrolled at IU Bloomington are women, who constitute 53.9% of the student body.*

SEE "WISP," p. 3

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## Staff Profile

# Mitchner valuable asset to SPEA's adjunct faculty



JENNIFER MITCHNER

It's a typical morning in SPEA 341. Instructors are submitting tests to be copied. Students are leaving papers and messages for their AI's. The phone is ringing. Yet, the atmosphere remains cheery as faculty secretary Jennifer Mitchner manages to juggle it all.

"It's great to work with Jennifer; she's an invaluable source of advice,"

says Mike Katula, a third year graduate student and associate instructor at SPEA. "She's always friendly, no matter what the circumstances."

An IU employee for the past 25 years, Mitchner has spent the past four years serving the "classroom needs" for 52 of SPEA's adjunct, part-time, emeritus, and associate instructors. Classroom needs can include copying, typing, doing book orders, helping with rosters, and e-mailing students. Mitchner also handles the travel arrangements and purchasing for the retired faculty and serves as a liaison between instructors and students.

"I enjoy my job," said Mitchner. "I like working with the adjuncts because it's an ever-changing job. There's a lot of different activity."

"You have people coming and going, but it's like a little family," she added. "It's a good group to work with."

One of Mitchner's favorite aspects of her job is meeting people from different backgrounds. In addition, the instructors are enthusiastic about their job. "Most of them only teach one class," she said. "They teach because they want to."

The job does have its challenges, especially at the start of the semester. This is when the new adjuncts are starting their jobs, syllabi have to be copied, and books must be ordered. "It's a heavy period of work," said Mitchner, "but then things calm down."

Overall, she defines her job as rewarding. "The people are very appreciative of the support they receive," she noted. "I try to help make the transition [to teaching] an easier one."

When she's not working at SPEA, Mitchner is busy spending time with her family: Rick, her husband who works at CFC in Bloomington; her son Brandon, a

senior at South High School; and her daughter Jelayne, an eighth grader at Batchelor.

Mitchner is also involved in her church where she teaches a young adult Sunday school class. She admits to being a bit creative – she and her niece held a 1950's party for her class and made a Cadillac out of cardboard. "It was really kinda' neat," she noted.

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## WISP, continued from p. 2

three colors. She continued this research as a postdoc at the Stanford Linear Accelerator Center, where she was a member of a team that discovered the  $\psi$ , the lowest lying charm-anticharm heavy quark resonance in the  $e^+e^-$  annihilation cross section, a second narrow charm-anticharm resonance, particles containing the charm quark, and a lepton called the tau, which is a heavy muon, as well as the quark jets that earned her the Panofsky Prize.

Hanson is a distinguished professor at IU, which is an academic rank above full professor. This title has provided more ammunition in her fight against discrimination, including against the opposition she is facing for her new interest in accelerator physics. However, being a female distinguished professor in the Department of Physics has also brought about more discrimination from colleagues. Yet, Hanson seems to take it all in stride and won't let it stop her from pursuing her interests. She has also enjoyed the opportunities to meet distinguished professors from other fields.

In addition to all her accomplishments in the field of physics, Hanson has two children. Her daughter is in the 8<sup>th</sup> grade and her son is in college. They like to travel to such places as Switzerland and France, where Hanson lives and works in the summer. In the past, Hanson and her son have also traveled to China, where Hanson's son had a summer student position at the High Energy Physics Lab in Beijing.

Hanson's bio is depicted on the website *Contributions of 20<sup>th</sup> Century Women to Physics*, along with bios of 85 other twentieth-century women who have made original and important contributions to physics prior to 1976. This website is located at <http://www.physics.ucla.edu/~cwp/>. Hanson's faculty webpage is located at <http://physics.indiana.edu/~hanson/aboutme.html>.

Mindy Criser  
Coordinator of Development and Communication  
Women in Science Program

# Safety and You: How to be safe at IU

## Safety and Violence Issues on Campus

*Editor's Note: Throughout this year, the Majority Report will be publishing a series of articles pertaining to safety on campus. This article is especially useful as a reference guide when providing information to students, family members, friends, and acquaintances who may have been victims of sexual assault.*

Last year, five rapes were reported to the Indiana University Police Department. That's one more rape than the previous year. All of the rapes occurred on campus, and most occurred in residence halls. Although even a single rape is of concern, the truth is that for every one rape reported, three to 10 others occur which will not be reported. Women are sexually assaulted and we *should* be concerned. And most rapes do not involve a man jumping out of the bushes in the middle of the night. They involve someone the person knows. They are acquaintance, or date, rapes. Women of all ages and backgrounds are sexually assaulted. Yet, the majority of women who are sexually assaulted are in their late teens to early and mid-twenties.

Students at IU study and learn, go to parties, have fun, and make friends and develop lasting friendships. They have an enjoyable college experience. It is also true that women are raped by friends and dates and that is a part of their college experience. While men are also sexually assaulted, the majority of people who are sexually assaulted are women.

Sexual assault is a form of violence. Recently, Bloomington residents and IU students and parents became very aware of just how violence can affect them. Jill Behrman's abduction, Jennifer Meece's death, and Won-Joon Yoon's murder all remind us that violence can affect us and those we love.

Because sexual assault is still cloaked in silence, it can be difficult for women and men to find out about what they can do to help friends who have been

sexually assaulted, to find out about resources for themselves, and to become involved in raising awareness of sexual assault and in working towards its prevention.

As the school year begins and we think of how and what we can do to prevent violence, we should also keep in mind that one of the problems that affects us the most, that occurs the most, is sexual assault. That 1 in 4 women will be sexually assaulted in her lifetime may not mean much; but that there is a probability that one in four of the women we know and care for will be sexually assaulted should.

For persons affiliated with IU there are several resources related to sexual assault (See "Safety Resources" on the next page). There is also a student organization, RAISE, which brings together graduate and undergraduate female and male student volunteers for sexual assault education and awareness programming. RAISE, affiliated with the Office for Women's Affairs, offers programs on rape awareness; communication between women and men; the effects of alcohol on decision making; and general safety issues to classes, fraternities, sororities, residence halls, and student groups.

Although there are no guidelines for how to be completely safe, women can take some steps to reduce chances of being sexually assaulted; particularly of being the victims of date rape. These steps include knowing your feelings and limits about sex; communicating with your date as clearly as you can; making arrangements to go to and **leave from** parties or get-togethers with a friend you trust; deciding on how much you will drink before you begin to drink; being aware of your surroundings; and finally, trusting your instincts—if you feel you are being pressured or that you should leave a situation, you are probably right.

*Cristina Alcalde*  
*Coordinator of Safety Programming*

You're Invited to the  
7th Annual  
Women's Leadership Conference  
October 28, 2000  
<http://www.indiana.edu/~owa/WLC/>

### Majority Index Sources

(1) American Demographics, July 2000; (2) Harper's Index, May 2000; (3 & 4) USA Today website; (5 & 6) American Demographics, July 2000; (7) Olympic Trivia, <http://fitness.testing.8m.com/olympics/trivia.html>; (8) <http://UselessKnowledge.com>; (9) The Internet Index, <http://new-website.openmarket.com/intindex/intindex/00-06.htm>; (10 & 11), Harper's Index, June 2000.

## Dean of the Faculties, continued from p. 1

Andrews came to IU in 1971 and worked for a year as a classroom teacher in the speech and hearing center. She became an assistant professor of speech and hearing sciences in 1972 and was named an associate professor in the same department in 1978. During the 1985-86 academic year, she took a leave of absence from IU to serve as the head of the Department of Communication Disorders at Sydney University, Australia. Upon her return, she was named a full professor in speech and hearing sciences. Andrews has also served as the Director of the Voice Clinic at IUB from 1976-1996.

Andrews earned her bachelor's degree in English and history from Queensland University in Australia and her master's degree in Speech Pathology and Audiology from the University of California, Santa Barbara. Her doctorate, also in Speech Pathology and Audiology, is from Columbia University in New York City.

She was named a fellow of the Society for Ear, Nose, and Throat Advances in Children in 1980 and of the American Speech and Hearing Association in 1989. Andrews received a Distinguished Career Award from St. Xavier University, Chicago, in 1996 and an Outstanding Achievement Award from the Indiana Speech and Hearing and Language Association in 1997. In 1999, she received the Distinguished Scholar Award from the Office for Women's Affairs at IUB.

## Staff Brown Bag Lunches

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**Thursday, November 30  
Managing Emotions:  
Taking Yourself Lightly**

## Safety Resources

Office for Women's Affairs .....	855-3849
Health & Wellness Education .....	855-7338
Counseling & Psychological Services .....	855-5711
GLBT Student Support Services .....	855-4252
Office of Student Ethics & Anti-Harassment Programs .....	855-5419
IUSA Safety Escort .....	855-SAFE
IU Police Department .....	855-4111
Bloomington Police Department .....	339-4477
Monroe County Prosecutor's Office .....	349-2670
Protective Order Project .....	855-9229

### 24 Hour Crisis Lines

Sexual Assault Crisis Service .....	855-8900
Middle Way House .....	336-0846

### Web Page

*Commission on Personal Safety*  
<http://www.indiana.edu/~cps/index.html>

**One in four women will be sexually  
assaulted in her lifetime...**

**...One in ten men will be sexually  
assaulted in his lifetime**

## What Can You Do?

Request a RAISE program for your group  
or class to educate yourself & others

*Raising Awareness of Interactions in Sexual Encounters (RAISE)* is a group of student volunteers that facilitate rape awareness and prevention groups in dorms, classes, fraternities, sororities, and for student groups here at IU.

We offer a one hour program, *He said, She Said*—which discusses date rape awareness, gender communication, alcohol and decision making, and general safety issues on campus through a role-play and discussion format. The program can be adjusted to meet your time constraints.

For more information, contact Cristina at [raise@indiana.edu](mailto:raise@indiana.edu) or at 855-3849. You can register online for a program at <http://www.indiana.edu/~owa/RAISE/>.

## Women Faculty and Research Awards: A Brief History

*Editor's Note: The information used for this story comes from the database maintained by Office of the Vice Chancellor and Dean of the Faculties. The numbers included in the story are for external awards, ranging from being a fellow in the American Academy of Arts and Sciences to a variety of National Science Foundation Awards. A total of 76 awards were reported in the database. Thanks to Mary Tilton for providing the data used in this story.*

Since 1927 when Botany Professor Ralph Cleland was named a member of the American Philosophical Society, IU-Bloomington faculty members have been recognized for 786 awards. During this 73-year period, female faculty members have accounted for 147 of these award, about 19 percent of the overall total.

English Professor Mary Elizabeth Campbell was the first female faculty member recognized for a major honor. In 1944 (and again in 1955), she received a John Simon Guggenheim Fellowship. Three years later, History Professor Ermine Wheeler-Voegelien also received a Guggenheim Fellowship. They are just two of the 13 IU women to receive a Guggenheim. Male faculty members account for 170 of these awards.

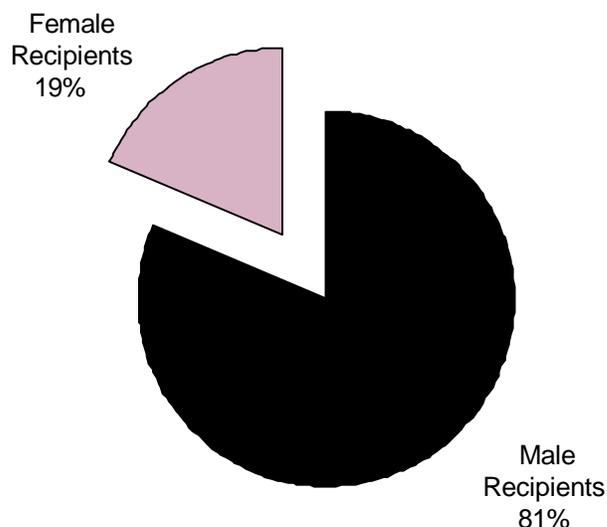
When it comes to major research awards and grants, women appear to be under-represented. Two women – Political Science Professor Elinor Ostrom and Music Professor Martina Arroyo – have been named fellows of the American Academy of Arts and Sciences. Three women – Gail Hanson from physics, Margaret Intons-Peterson and Esther Thelen from psychology – have been named fellows in the American Association for the Advancement of Science. Yet, when it comes to receiving grants from the Ford Foundation, the numbers are tied. Four male faculty members have received the grants, while three women – Ostrom from Political Science, and Portia Maultsby and Audrey McCluskey in Afro-American Studies, – have been awarded the grants. In addition, Ostrom received Ford Foundation Grants in 1995 and 1997.

In some instances, women appear to be on a level playing field. For instance, 15 of the 32 Lilly Teaching Awards received by IU faculty have gone to women. Two of IU's four Searle Scholars in biomedical research are women. In the case of the Spencer Fellowship in Research Related to Education, female faculty members outnumber men five to four.

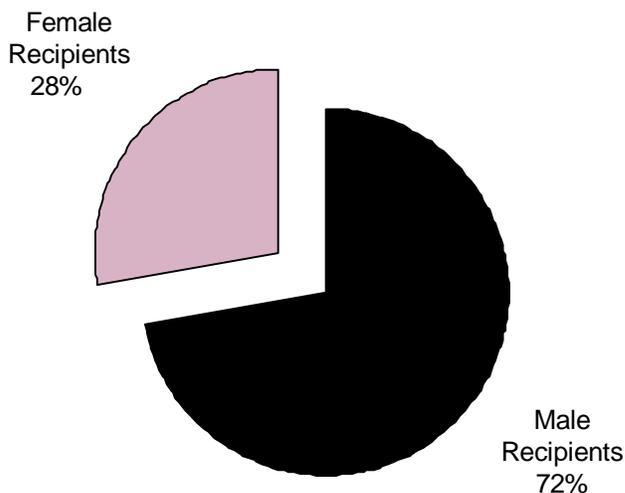
Of course, the data may be influenced by many factors. For instance, women have been under-

### Awards Received by IUB Faculty

1927 to Present



1990 to Present



represented as faculty members during the time span included in the database. When we look at the awards for just the decade of the 1990's, female faculty accounted for 60 of 215 awards – a figure close to 28 percent. When looking at some of the more disproportionate awards, the numbers also show a change in the last decade. For example, women accounted for 15 percent of the Guggenheim Fellowships in the 1990's, but only 7 percent in the overall data. Yet, in some cases, women continue to make up the same percentage of the awards. For Fulbright Scholars, women make up 28 percent of the awards for the overall data and 30 percent of the awards in the last decade.

# New Women Faculty, Part One



The School of Education welcomes **Karen Marie Gavin** as an Assistant Professor in the Department of Counseling and Educational Psychology. She holds a Bachelor of Arts degree in psychology from Spelman College and a M.S. and Ph.D. in Clinical Child Psychology from the University of Miami. She has just completed a post-doctoral fellowship

with the Juniper Gardens Children's Project at the University of Kansas. She has also participated in a pre-doctoral internship at the Baylor College of Medicine and a School Psychology fellowship at the Harris County Department of Education, both in Houston, TX. Among her research interests are parental involvement in schools, the effect of welfare reform on families with young children, and Project Head Start.



**Heather Reynolds** has joined the Department of Biology as an Assistant Professor. She earned her bachelor's of science in biology (*summa cum laude*) and her master's of science in plant ecology, both from the University of Connecticut. Her Ph.D. in Integrative Biology is from the University of California at Berkeley. Reynolds' post-

doctoral research was conducted at the Kellogg Biological Station in Hickory Corners, MI. She was a visiting assistant professor for W.K. Kellogg Biological Station and then a visiting assistant professor at Kalamazoo College in Kalamazoo, MI. Her research focuses on mechanisms of plant-plant and plant-microbe interactions, with the goals of understanding patterns of vegetation diversity and predicting vegetation responses to environmental change.



**Constance Furey** has joined the Department of Religious Studies as an assistant professor. She holds degrees from Brown University in Religious Studies and from the University of Chicago in the History of Christianity. Her research concentrates on Christianity in the era of the Renaissance and Reformation. In her dissertation,

entitled *The School of God: Religious Epistemology and Intellectual Identity in Pre-Tridentine Italy*, she examined how early modern intellectuals rethought the relationship between faith and intellectual work. This project reflects her interest in theoretical questions about the role of intellectuals in religious traditions, the interaction of beliefs and practices, and the emergence of the modern, western concept of "religion."



**Amy Reynolds** has joined the School of Journalism as an assistant professor. She has taught as an assistant professor at the H.H. Herbert School of Journalism and Mass Communication at the University of Oklahoma; and as an assistant professor in the Department of Communication at Miami University of Ohio. She holds a bachelor's degree

in English writing from Edinboro University of Pennsylvania and a master's degree in journalism from Indiana University. Reynolds earned her Ph.D. in mass communications from the University of Texas at Austin. Her honors include Phi Kappa Phi Honor Society, Indiana Public Broadcast Stations' Best Newscast Award for WTIU News Forum; *Erie Daily Times* Editorial Award for Best General Feature and Best Sports Story; numerous scholarships, fellowships, and research grants.



**Susan Whiston** has joined the faculty of the Department of Counseling and Educational Psychology as a professor. Before coming to IU, she was chair of the Department of Educational Psychology at the University of Nevada, Las Vegas. She has presented and written extensively on the subjects of career intervention and clinical training for counselors and is a recipient of several grant awards and awards for her research. Whiston holds a bachelor's degree in psychology and a master's degree in guidance and counseling. Her Ph.D. in counselor education is from the University of Wyoming.



**Rebecca Manring** has joined the Department of Religious Studies as an Assistant Professor. Her current major research project concerns hagiographical literature treating a 15<sup>th</sup>-16<sup>th</sup> century Bengali religious leader and the uses his followers have made of the hagiography in terms of claiming their place in the larger religious tradition (Bengali Vaishnavism) to which they

belong. This project has led down a few interesting side roads and subsequent publications), including an exploration of the roles of specific women in Vaishnavism; the appropriation of authorized sectarian leaders by less orthodox groups seeking legitimacy; and the desperate need to preserve rapidly-disintegrating unpublished manuscript materials in India. Manring earned her Ph.D. in Asian Languages and Literatures from the University of Washington.

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# MAJORITY REPORT INDEX

Percentage of American homes in which the wife has an equal financial say ..... 75%

Chances that a crib provided by a US hotel or motel is deemed unsafe by the Consumer Products Safety Commission ..... 4 out of 5

Percentage of drivers age 18-24 who “buckle up” ..... 41

Percentage of drivers age 65 and older ..... 18

Growth in women’s median income 1970-1998 ..... 63%

Growth in men’s median income, same time frame ..... 6%

Year in which the first women’s Olympic swimming medal was won ..... 1912

Number of steps leading to the top of the Eiffel Tower ..... 1,7192

Approximate percentage of words in the Webster’s English Dictionary that have been registered as Intenet domain names ..... 98

Number of times that US President Zachary Taylor had ever voted in a presidential election before taking office in 1849 ..... 0

Chance that the husband in a two-income US household earns less than his wife ..... 1 out of 3

Sources printed on page 4.

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