LETTER FROM THE DEO

As I begin my first year as DEO of the Department of Physics and Astronomy, I look forward to working with fellow faculty, staff, students, and University administration to position our Department for success in a rapidly changing research, educational, and fiscal environment. The challenges that I’ll face have been substantially reduced by the hard work of my predecessor, Professor Wayne Polyzou. I thank him for his leadership and tireless efforts over the past four years in making our Department a better and more productive place. While the DEO can help guide the Department, the students, staff, and faculty define the quality of the Department. This third annual newsletter offers a glimpse into this quality by outlining just a few of our outstanding accomplishments and exciting events that have occurred during the past year.

There are several changes that have occurred in our faculty this year. To begin, I hope you’ll all join me in welcoming our newest faculty member, Assistant Professor John Prineas. John will help to fill the gap left in our condensed matter physics and laser program by the departure of Prof. Tom Hasenberg, who was recruited away from us by JDS Uniphase. Tom is now Director of Wafer Fabrication at JDSU. This is also the first year of Emeritus status for our friend and colleague Ed McCliment. We wish Ed and his wife, Genie, the best in this new phase of their lives.

This has been another banner year for research in our Department with new external grants and contracts totaling well over $10,000,000, more than doubling that of the previous year. Total expenditures associated with external grants exceeded $11,700,000, placing our Department at the top of the College of Liberal Arts and Sciences (approximately 36% of CLAS total) and third amongst all departments in the University (including those in the College of Medicine). While the space physics group continues to contribute enormously to our overall funding, major new awards in astronomy, condensed matter physics, and plasma physics helped to move us up from our prior-year, campus-wide, 8th place position. The ingenuity and hard work of our faculty, staff, and students continues to be recognized outside the confines of our Department. Several examples include: Prof. Amitava Bhattacharjee was named a Fellow of the American Association for the Advancement of Science, Cheryl Reardon and Marcia Rogers received the Mary Louise Kelley Staff Excellence Award, and graduate student teaching assistant, Ugur Akgun, received one of this year’s Outstanding TA Awards.

In closing, I’d like to thank our many friends and alumni for their continuing generous support. Your gifts have provided funding resources that have helped to make our Department the great place it is today.

FAMILY ADVENTURES IN SCIENCE

This past spring the Department of Physics and Astronomy started a very successful outreach program called “Family Adventures in Science,” organized by Prof. Usha Mallik. The hour-long program held each Saturday afternoon in Van Allen Hall, was a hands-on science seminar for elementary and junior high students, parents, and teachers. The seminars’ goal was to satisfy the children’s incessant curiosity and channel their interests in a constructive way for their future. Basic ideas of science were presented with a combination of simple, but attractive experiments and videos/displays which intrigued the children and caught their imagination. They were also the participants in these small desktop experiments. The seminars were such a great success that they had to be moved from a classroom to one of the larger lecture rooms to accommodate the overflowing crowds. Some of the topics included: “What do water and a hydrogen bomb have in common?” “Why do piano, violin, bass, flute ... all sound different, what are the scales?” and “How to lift a big person with a finger. How does your heart pump so much blood?”

In October Prof. Mallik is planning a similar program that will involve elementary teachers in the presentations.

For more Information check out the web site at www.physics.uiowa.edu/~umallik/adventure/adventure.htm.
Faculty Directory

**Astronomy/Astrophysics**
- Benjamin Chandran, Assistant Professor
- Kenneth Gayley, Assistant Professor
- Richard Ignace, Visiting Asst. Professor

**Atomic & Molecular Physics**
- Experimental
  - Paul Kleiber, Professor
- Theoretical
  - Edward McCliment, Yasar Onel, Professor
  - Charles Newsom, Usha Mallik, Professor
  - Vincent Rodgers, Mary Hall Reno, Yannick Meurice, Theoretical

**Elementary Particle Physics**
- Theoretical
  - Arthur Smirl, Professor
- Experimental
  - John Neff, Professor Emeritus

**Nuclear Physics**
- Theoretical
  - Michael Flatté, Associate Professor
  - John Schweitzer, Professor
- Experimental
  - Thomas Boggess, Professor
  - John Prineas, Assistant Professor
  - Arthur Smirl, Professor

**Condensed Matter/Materials Physics**
- Theoretical
  - Michael Flatté, Associate Professor
  - John Schweitzer, Professor
- Experimental
  - Thomas Boggess, Professor
  - John Prineas, Assistant Professor
  - Arthur Smirl, Professor

FACULTY HIGHLIGHTS/RESEARCH

**Amitava Bhattacharjee** was elected a Fellow of the American Association for the Advancement of Science for his seminal contributions to theoretical plasma physics. Prof. Bhattacharjee is one of 20 physicists worldwide who was elected to the Fellowship in the American Association for the Advancement of Science (AAAS) during the year 2000. The AAAS award recognizes members because of their efforts toward advancing science or fostering applications that are deemed scientifically or socially distinguished.

**Amitava Bhattacharjee and Benjamin Chandran** were awarded a three-year $2.1 million multi-institutional grant from the Department of Energy to establish an interdisciplinary center that will study the natural phenomenon known as “magnetic reconnection” in which magnetic fields reconfigure themselves liberating enormous amounts of energy. The Center for Magnetic Reconnection Studies, directed by Prof. Bhattacharjee, will include faculty and research scientists from the University of Chicago and the University of Texas at Austin.

**Amitava Bhattacharjee** was elected president of the UI Faculty Senate for 2001-2002.

**Thomas Boggess** has been elected to a five-year term as the Department's new Departmental Executive Officer (DEO).

**Thomas Boggess** received a three-year $449,000 grant from Hughes Research Laboratories. The research, part of a multimillion dollar consortium funded by the Defense Advanced Research Projects Agency (DARPA), is intended to lay the foundation for new high-performance electronic devices.

**Benjamin Chandran** was awarded grants from the Department of Energy (DOE) and the National Science Foundation (NSF). The DOE award is a three-year $378,000 grant from the Plasma Physics Junior Faculty Development Program, which supports research programs of talented scientists and engineers in the early stages of their careers. The NSF award entitled, “Cooling Flows and Thermal Conduction in Galaxy-Cluster Plasmas” is a two-year $120,000 grant from NSF’s Division of Astronomical Sciences.

**Louis Frank** presented one of this year’s Niels Bohr Lectures, “A Cosmic Rain of Small Comets into our Atmosphere,” at the Niels Bohr Institute for Astronomy, Physics and Geophysics in Copenhagen, Denmark. Niels Bohr Lectures are invited lectures given by internationally prominent scientists three to four times each year. The lectures are sponsored by the Danish Space Research Institute and the Nordic Institute for Theoretical Physics.

**Michael Flatté** was awarded two grants by the U.S. Department of Defense to conduct research that will develop the theory for faster electronic devices. His funding includes a three-year $804,045 grant from DARPA that will be done in collaboration with the University of California, Santa Barbara (UCSB) and the University of Pittsburgh. His other grant is a $466,763 Army Research Office (ARO) award that is part of a $5 million multi-institutional project involving Cornell University, California Institute of Technology, UCSB, and the University of Illinois-Urbana Champaign.

**Michael Flatté** also received a three-year $240,000 National Science Foundation (NSF) grant that will study the design of devices such as intense infrared lasers and sensitive infrared detectors for biomedical and communications applications. This project is in collaboration with the University of Illinois at Chicago and Hughes Research Laboratories.

**Kenneth Gayley** was awarded a $192,000 grant from the National Science Foundation to work on a three-year project entitled, “Are Optically Thick Winds Regulated by the Distribution Over Line Wavelength Rather Than Line Strength?” The research is aimed at understanding Wolf-Rayet stars, the hottest of stars, and why they lose mass so rapidly through a dense and optically thick stellar wind.

**John Goree** is a Co-Investigator for the Plasma Kristall Experiment (PKE) that took place on the International Space Station in March. The experiments, which were performed by the 1st and 2nd crews, were the first physical science experiments performed on the station. Details about the experiment can be found at Prof. Goree’s web site at http://www.microgravity.net/.

**John Goree, Amitava Bhattacharjee, and Robert Merlino** were Workshop Coordinators for the 9th Workshop on the Physics of Dusty Plasmas, which was held May 21-23 at The University of Iowa. Eighty-two participants from five continents attended the workshop.

(continued on page 3)
Faculty Highlights/Research

Donald Gurnett topped the list as the faculty member at The University of Iowa with the most external funding for fiscal year 2001. Prof. Gurnett had more than $5.3 million for the year.

Thomas Hasenberg has resigned from his faculty position to become the director of wafer fabrication at JDS Uniphase in California.

Richard Ignace is a Co-investigator on a newly awarded grant entitled “Circumstellar Magnetic Field Diagnostics from the Polarization of Line Scattering,” that has been funded by NSF. Also, Dr. Ignace has hired Helen Bryce (to receive her doctorate in astronomy from the University of Glasgow) to begin working this fall as a postdoctoral research assistant on theoretical studies of microlensing. Beyond the academic, a new addition was made to the Ignace family last January, a baby boy named Simeon David.

Craig Kletzing is principal investigator on the sounding rocket mission, “Rocket Auroral Correlator Experiment,” scheduled to be launched from Poker Flat, Alaska, in February 2002. The rocket, which stands about 65 feet high and will reach altitudes close to 600 miles above the Earth, is designed to make measurements of waves and particles associated with the aurora borealis. Although the auroral displays in Alaska are beautiful in winter, it’s a bit chilly: typical highs are around -20° F. Prof. Kletzing’s group will make sure they take heavy coats when they go into the field for auroral rocket launches!

Craig Kletzing was appointed to a five-year term as the Department’s Associate Chair.

Usha Mallik organized the very successful outreach program, “Family Adventures in Science,” held this past spring in Van Allen Hall.

Usha Mallik has been appointed to the University of Iowa Budget Committee and the College of Liberal Arts and Sciences Chemistry Review Committee.

Edward McCliment has retired after 37 years of teaching at The University of Iowa.

Robert Merlino was chosen by the American Physical Society’s Division of Plasma Physics as a Distinguished Lecturer for the Plasma Physics (DLPP) Program for 2000-2001. The DLPP Program is intended to share with the scientific community exciting recent advances in plasma physics. Prof. Merlino will give a talk entitled, “Dusty Plasmas in the Laboratory and Space.”

Vincent Rodgers was recently spotlighted in the “People in Physics” section at the American Physical Society’s website, Physics Central (www.physicscentral.com). You can view the article at http://www.physicscentral.com/people/people-01-9.html.

James Van Allen continues to study cosmic ray data from his instrument on Pioneer 10, now in the outer heliosphere after over 29 years of flight. The most recent data for 28 April, 19 May and 9 July 2001 are of unique value in establishing the delayed influence of solar activity at heliocentric distances of over 78 AU in the antapex direction from the Sun. He and William Webber of the New Mexico State University are preparing a joint paper comparing data from Pioneer 10 with similar data from Voyager 1 and 2, both of which are also in the outer heliosphere but in approximately the apex direction from the Sun. All three spacecraft are still inside of the long-sought modulation boundary of the heliosphere.

New Faculty

The Department welcomes new faculty member John Prineas as an Assistant Professor to The University of Iowa this fall. John comes to us from Max Planck Institute in Stuttgart, Germany, where he was a postdoctoral researcher last year. John received the Ph.D. in optical sciences from the Optical Science Center at the University of Arizona in 2000. His expertise and interests include semiconductor optics and the growth of semiconductor nanostructures using molecular beam epitaxy.
OUTREACH ACTIVITIES/HIGHLIGHTS

The Department’s Instructional Resources and Lecture Demonstrations had a very successful year. Outreach programs are at an all time high. Such activities included tours of the Department, donating equipment to schools, loaning supplies and equipment to organizations for use in workshops and demonstrations, and talks given by faculty, staff and students at schools in Iowa, Illinois, and Missouri. The new “Family Adventures in Science” lecture series held this past spring was a big hit and will continue in the fall beginning in October (see “Family Adventures in Science” story on page 1 for details). The Department donated equipment and materials to many different organizations, including the Salvation Army, Iowa City Public Library, Kirkwood Community College, the UI Women In Science and Engineering (WISE) program, and the Iowa Upward Bound Project.

The Department’s surplus equipment program also saw a large increase in disbursements this year as the program became more widely advertised. The program gives “free” obsolete but good working equipment to high schools in Iowa. Several of those schools receiving equipment include Washington High School, Cedar Rapids, IA, Dowling High School, West Des Moines, IA, and Nevada High School, Nevada, IA. To view a list of equipment presently available, visit www.physics.uiowa.edu/~dstille and click on the ‘Free’ link.

Other highlights for the Lecture Demonstration area included giving a Colloquium at the University of Northern Iowa, Cedar Falls, IA, on the uses and development of Lecture Demonstrations and the PIRA 200, and an invited presentation at the American Association of Physics Teachers (AAPT) conference in Rochester, NY, on “Video Capture Techniques in Labs and Lectures.” The University of Iowa is a national leader when it comes to the uses and the amount of video capture applications. Two workshops on “Optics” were also given to local elementary teachers as part of their continuing education programs. These workshops were a collaboration between the Department of Physics and Astronomy, the Science Education Department, and several grants from Operation Primary Physical Science (OPPS) based at Louisiana State University.

If your group or organization is interested in a tour or presentation, contact Dale Stille (319-335-1833, dale-stille@uiowa.edu) for more information.
Alumni News

1990s

Since graduating from The University of Iowa, Jeffrey Chilton (BS 1993) completed his PhD in experimental atomic physics at the University of Wisconsin-Madison (1999). He currently works as a Research Analyst for the Center for Naval Analyses, as part of the Maritime Search and Undersea Warfare team. He helps the Navy solve problems relating to antisubmarine warfare. Jeff says “It’s a great job—often quite challenging—and a good way to apply my physics background in a ‘nontraditional’ way.”

Jerry Harrington (BS 1991) recently moved to Pennsylvania where he is employed by the Department of Meteorology at Pennsylvania State University and holds a tenure-track position as an Assistant Professor of Atmospheric Sciences. He has published 20 articles in refereed journals and is an Associate Editor for the Journal of Geophysical Research—Atmospheres.

Laura LaBerge (BS 1996) has just completed her PhD from the Theoretical Chemistry group at Yale University.

Bianca Nelson (BS 1996) and Gordon Keeler are planning to be married Sept. 29, 2001. Both are expected to get their PhD degrees from Stanford’s Applied Physics program in June 2002.

Christine Rabaja (BS 1996) is currently a Captain in the US Marine Corp and pilots the CH53 Sokorsky helicopter.

Alexandra Ramsden (BA 1997) is an interior designer with Planet Retail Studios in Seattle, WA, and was part of the design team that worked on seven retail stores located in Heinz Field, new home of the NFL Pittsburgh Steelers. She was recently spotlighted in an article in the Sept. 2 issue of the Iowa City Press-Citizen.

Dimitris Tsintikidis (PhD 1993) is Senior Principle Engineer at Orincon Corporation in San Diego, CA. Dimitris comments that Orincon is always looking for good people and to check their website at www.orincon.com.

1980s

Brent Studer (MS 1989) is Technology Coordinator for the Upward Bound Project at The University of Iowa, and an Adjunct Professor of Astronomy at Kirkwood Community College in Cedar Rapids, IA. He is also Director of Performance Assessment Scoring, National Assessment of Educational Progress (NAEP) Science and Geography, and Third International Math and Science Study (TIMSS).

1970s

John Benson (PhD 1978) is a Scientist at the National Radio Astronomy Observatory in Socorro, NM.

Since leaving the Physics faculty at West Virginia University in 1982, Linda Kelsey (MS 1972) has worked as an analyst doing operations research for the Navy and Marine Corps, and Department of Defense in general. In the mid-1980s she analyzed Soviet space systems, and has worked on applications for several US national space systems. As a Navy Operations Research Analyst she has performed research and analysis onboard a number of US Navy ships, and was the first woman to complete a six-month deployment on an aircraft carrier in the Mediterranean and Red Seas (as a civilian in 1993, before Navy women could deploy). She is currently performing research and analysis for a confederation of modeling and simulation systems to support Navy acquisition programs.

Ting-Chung Poon (BA 1977) is Professor of Electrical and Computer Engineering at Virginia Polytechnic Institute and State University (Virginia Tech) in Blacksburg, VA. He recently finished his second textbook, “Contemporary Optical Image Processing with MATLAB” (Elsevier Science).

Would you like to be included in the next newsletter?

Drop us a line and let us know what you’re doing. Just fill out the alumni update form on the last page of this newsletter and mail it to us, or you can send an email to cheryl-reardon@uiowa.edu. You can also submit your information on the web by going to the departmental alumni web page (www.physics.uiowa.edu/alumni/) and clicking on the...
**Departmental Student Awards**

Students recognized for their excellence in 2000-2001 are: Distinguished Service Award—Carrie McGivern; Myrtle K. Maier Scholarship—Bjorg Larson; Physics & Astronomy Undergraduate Scholar Award—Luke Gutzwiller, Christopher Jones, Jonathon Talcott; William R. Savage Memorial Award—Eric Errthum; James A. Van Allen Award—Antonio Boveia, Zachary Conway; Goertz/Nicholson Memorial Scholarship—Li Li; John and Stacey Wahl Scholarship—Ruiguo Liu, Carlton Watson; Nicholson Fellowship—Xuedong Chai. Also outside of the Department, the UI Council on Teaching named graduate student, Ugur Akgun, a winner of the Outstanding Teaching Assistant Award, which includes a certificate of achievement and $1,000.

**2001-02 Student Enrollment**

For the academic year 2001-2002, the total number of undergraduate students is 93, and there are 46 new and returning graduate students participating in the M.S. and Ph.D. programs. The number of female graduate students has increased this year with a total of 5 which includes 3 new incoming students. The graduate students are a very diverse group coming from nine different countries: USA—16, China—10, Turkey—9, Korea—3, Africa—2, India—2, Japan—2, Indonesia—1, and Pakistan—1.

**Graduate/Undergraduate News**

**Graduate Students Receiving Degrees**

_July 2000_

Benjamin Moehlmann, B.S. Physics

_Anthony Boveia_, B.S. Physics, Mathematics & Astronomy

_Zachary Conway_, B.S. Physics & Mathematics

_Joseph Evans_, B.S. Physics

_Brendan Huedepohl_, B.S. Physics & Mathematics

_Dain Kavars_, B.S. Astronomy and Physics

_Colleen Lamb_, B.S.E. Electrical Engineering

_Carrie McGivern_, B.S. Astronomy, Physics & Mathematics

_Catherine Mize_, B.S. Physics

_Megan Ritz_, B.S. Physics and Astronomy

_Jonathon Talcott_, B.S. Physics and Astronomy

_Anna Tauer_, B.S. Physics

_Scott Timmerman_, B.S. Physics, Computer Science & Mathematics

_ROBB Todd_, B.S. Physics & Mathematics

(continued on page 7)

**Undergraduates Receiving Degrees**

_July 2000_

Benjamin Moehlmann, B.S. Physics

_May 2001_

Antonio Boveia, B.S. Physics, Mathematics & Astronomy

_Zachary Conway_, B.S. Physics & Mathematics

_Joseph Evans_, B.S. Physics

_Brendan Huedepohl_, B.S. Physics & Mathematics

_Dain Kavars_, B.S. Astronomy and Physics

_Colleen Lamb_, B.S.E. Electrical Engineering

_Carrie McGivern_, B.S. Astronomy, Physics & Mathematics

_Catherine Mize_, B.S. Physics

_Megan Ritz_, B.S. Physics and Astronomy

_Jonathon Talcott_, B.S. Physics and Astronomy

_Anna Tauer_, B.S. Physics

_Scott Timmerman_, B.S. Physics, Computer Science & Mathematics

_ROBB Todd_, B.S. Physics & Mathematics

(continued on page 7)

**Staff News**

**Staff Awards**

Several staff members were recognized this past year for their hard work. Those receiving awards include Robert Brechwald, Joseph Loria, Cheryl Reardon, Marcia Rogers, and Dale Stille. **Robert Brechwald**, Systems Support Manager, received a Longevity Award from the UI Staff Council for 35 years of continuous service to the University. His award included a certificate and letter of appreciation from the President’s Office.

**Joseph Loria**, Account Clerk, received a $100 award for his suggestion to the Unique Ideas (UI) Save Money and Reward Thriftiness (SMART) program. The SMART program asks University staff and faculty for moneysaving ideas, and awards them $100 if their idea is chosen. Joe’s idea was for General Stores to send monthly cylinder rental statements in one envelope to each department, and to provide a file download of the statements that could be printed at the department’s choosing.

**Cheryl Reardon**, Administrative Associate, received the College of Liberal Arts Mary Louise Kelley Staff Excellence Award for her work with several departmental web sites and for developing the Department’s annual newsletter, which has led to a 50% increase in alumni donations.

**Marcia Rogers**, Clerk IV, received the College of Liberal Arts Mary Louise Kelley Staff Excellence Award for her work with several departmental web sites and for developing the Department’s annual newsletter, which has led to a 50% increase in alumni donations.

**Dale Stille**, Instructional Designer, received an Improving Our Workplace Award (IOWA) for volunteering to coordinate departmental outreach activities which include lectures, tours, and the “Family Adventures in Science” program.
What’s New

Department Donates Telescope to CAA
This past February the Physics and Astronomy Department gave the Cedar Amateur Astronomers (CAA) a surplus 34-year-old telescope which the University had kept in storage. The 16-inch Celestron telescope was reconditioned by the CAA and has been set up at the CAA’s Palisades Dows Observatory at the Palisades Dows Botanical Preserve located southeast of Cedar Rapids.

Astronomy faculty members have taken many students on tours of the Dows observatory. From March through October, the CAA in cooperation with the Linn County Conservation Department, provides free monthly observing programs at the Dows Observatory. You can find additional information at the CAA web site http://www.cedar-astronomers.org/.

Department Hosts IAAPT Meeting
In November, the Department hosted the annual meeting of the Iowa Chapter of the American Association of Physics Teachers (IAAPT). Although primarily for science educators at the high school and college levels, the daylong conference was for anyone interested in science education.

The meeting included presentation topics, such as “Learning gains in physics in relation to students’ mathematics skills,” “Use of a bicycle lab for mathematical and graphical analysis of linear motion,” “Using digital oscilloscopes in introductory physics labs,” and “The beauty and physics manifest in single crystals of novel materials.” Participants were also treated to a tour of the Department’s recently updated instructional laboratories. Prof. Craig Kletzing and Dale Stille were selected as IAAPT co-secretaries.

Advisory Board Update
Scheduled changes have occurred in the departmental Advisory Board. We’d like to thank departing Board members, Randy Clark (grad student), Tom Hasenberg (JDS Uniphase), Leslie Sauerbrei (Viodor), Peter Sauerbrei (Kinetix), Mei-Mei Shen (Affymetrix), Steve Spangler (professor), and Bob Sternowski (Rockwell Collins). Their work has been greatly appreciated. We welcome incoming Board members, Ken Gayley (professor), Jason Martin-Hiner (grad student), Alan Trible (Rockwell Collins), and Scott Wollenweber (GE Medical Systems). We hope they find their upcoming participation on the Board to be a rewarding experience.

The Advisory Board has been instrumental in providing us with a diverse and practical perspective on a variety of issues critical to our Department’s development. We look forward to continuing to benefit from their collective wisdom and experience.

Applied Physics in Medicine Program
The Department is proud to announce that the first two students have entered into a new Applied Physics track tailored specifically for premedical students. With their help, and the help of their medical advisors, the Department has developed a carefully crafted curriculum to fit their special needs. The new program is designed to relieve most of the pressures of having to effectively double major in order to become a pre-med in the physics program. This will serve as the basis for a specialized track in Applied Physics in Medicine now being created. The original idea was possible because individual faculty may sculpt applied physics degree lines based on their students needs. Because of its increasing popularity, this new program is expected to be formalized as a “track” by the faculty within the next few months.

Employment Opportunities
The Department has several employment opportunities and is currently inviting applications for a tenure-track assistant professor position to begin Fall 2002. The position is for an experimental materials/optical physicist with expertise in laser physics, MBE materials growth, optoelectronics, semiconductor physics, or a related field of research. A broad interdisciplinary effort in these areas exists at The University of Iowa as part of the Optical Science and Technology Center (http://ostc.physics.uiowa.edu/~ostc). Current research efforts in this area of the Department include materials growth, ultrafast optical spectroscopy, and materials theory. Related efforts within the OSTC include use of optical techniques to monitor biological, medical, chemical and environmental phenomena.

If you would like to apply for this position, send a CV, statements of research and teaching interests, and arrange for three letters of recommendation to be sent to Chair, Faculty Search Committee, Department of Physics and Astronomy, The University of Iowa, Iowa City, IA 52242-1479. A Ph.D. is required by the time of appointment. For the fullest consideration, application materials should arrive by January 15, 2002.

To view a list of other employment opportunities, visit the Department’s web site at http://www.physics.uiowa.edu/openings/.

The University of Iowa is an Affirmative Action/Equal Opportunity Employer. Women and minorities are encouraged to apply.

Graduate Students Receiving Degrees (continued)

Mehmet Aykac, Ph.D. Medical Physics (Postdoc, Dept. of Radiology, University of Texas-Houston)

Mithat Kaya, Ph.D. Elem. Particle Physics (Asst. Professor, Physics, KAFKAS University, Kars, Turkey)

May 2001

Scott Borror, M.S. Condensed Matter Physics

Zetian Mi, M.S. Condensed Matter Physics (MBE Process Engineer, Picometrix, Inc., Ann Arbor, MI)

Edward Shaw, M.S. Condensed Matter Physics (Senior Engineer, Epitaxial Technologies, Baltimore, MD)

College of Liberal Arts

Years of Service Recognition

At this year’s College of Liberal Arts staff recognition celebration, the following physics and astronomy department employees were recognized for their years of service to the College:

10 + years
Denise Davis
William Paterson
Marcia Rogers

20 + years
Mary Rae Dvorsky
Michael Miller

College Name Change

Effective August 1, 2001, the College of Liberal Arts changed its name to the College of Liberal Arts and Sciences.
### Alumni Update Form

We need your help to update our mailing list, and to publish your information in upcoming newsletters and on the departmental web site. Send us your updated information by filling out the form below, and returning it to Cheryl Reardon, Dept. of Physics and Astronomy, 211 Van Allen Hall, University of Iowa, Iowa City, IA 52242-1479, or send an email to cheryl-reardon@uiowa.edu. You can also visit the Alumni web page at www.physics.uiowa.edu/alumni/ and click on the ‘Alumni Update Form’ link.

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☐ Yes, I would be willing to serve as a mentor for a graduate or undergraduate student.