



# THE ADVOCATE

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For the latest information  
on the ASSE Foundation,  
visit our website at  
[www.asse.org/foundat.htm](http://www.asse.org/foundat.htm).

## UPS Donates \$25,000 to Establish Diversity Scholarship



Recognizing the demand by businesses for safety professionals and occupational safety and health education, the United Parcel Service (UPS) Foundation recently donated \$25,000 to the ASSE Foundation for professional safety student scholarships, including the newly created ASSEF UPS Diversity Scholarship Program for minority students in the occupational safety, health and environment field. The first recipients under the new program are Mylissa Logan, Indiana State University, and Carlos Garcia, Jacksonville State University. Each received \$3,825.

UPS corporate health and safety manager Keith Jones, of Atlanta, presented the check to ASSE Foundation trustee Lawrence Oldendorf, of Burbank, IL, in March at ASSE's headquarters in Des Plaines. "UPS is proud to support the ASSE Foundation in its efforts to provide occupational safety and health scholarships to students throughout the country," Jones said. "With this donation we aspire to help the Foundation with



Mylissa Logan



Carlos Garcia

its mission of supporting the advancement of the safety profession and protecting the safety and health of all Americans."

UPS has been a dedicated supporter of the ASSE Foundation. Since 1996, the UPS Foundation has donated a total of \$121,250 to the ASSE Foundation, providing funds for 23 occupational safety and health scholarships.

At top: Gerry Eaker, UPS North Central Region Health and Safety Manager, ASSEF Trustee Larry Oldendorf, Keith Jones, UPS Corporate Health and Safety Manager and Dan Norman, UPS Corporate CHSP Manager.

## Foundation Awards First Tally Grants

ASSE members Stanford H. Achi II of Lihue, HI, and Michael C. Donohue of Round Rock, TX, are the first recipients of the Delmar E. Tally Professional Development Grant. Established last year by long-time ASSE members Delmar E. Tally and Betty Tally of Austin, TX, the program provides financial assistance to practicing SH&E professionals seeking to enhance their professional skills. Each year, \$1,000 is available for recipients to apply toward certification preparation seminars, study guides and testing fees.



Stanford Achi



Michael Donohue

Achi is safety officer and technician at Trex Enterprises. He received \$750 to apply toward an ASP certification preparation seminar, math review and ASP study guide. Achi is a member of ASSE's Hawaii Chapter. Donohue, OHST, CHST, safety director at C. Young and Co. Inc., will receive \$250 for ASP and CSP study guides. He is a member of ASSE's Central Texas Chapter.

# 2002 Academic Scholarships Awarded

## Thirteen awards total nearly \$36,000

As part of its ongoing mission to advance the SH&E profession, the ASSE Foundation recently awarded 13 scholarships to students pursuing degrees in occupational safety, health and environmental studies.

### United Parcel Service (UPS) - (\$14,800)

**Meghan Fetter**  
Millersville University

**Braithe Landry**  
Southeastern Louisiana University

**Jennifer Williams**  
Jacksonville State University

**Jessica Herrst**  
Grand Valley State University



*Ford Motor Company*

Marsh Risk Consulting

### Ford Motor Company - Graduate (\$3,375)

**Jaime Oxford**  
Murray State University

### Marsh Risk Consulting (\$2,000)

**Jeffrey Schmitt**  
Grand Valley State University

**Jennifer Sollenberg**  
Millersville University

### Thomas F. Bresnahan Distinguished Service Scholarship (\$2,000)

**Daniel Nye**  
Millersville University

### James P. Kohn Memorial Scholarship (\$2,000)

**Alison Montgomery**  
Indiana State University

### Thompson Scholarship for Women in Safety (\$1,000)

**Sherri Pallen**  
University of North Dakota

### Ford Motor Company - Undergraduate (\$10,125)

**Misty Newton**  
Northeastern State University

**Karrie Turman**  
Southeastern Oklahoma State University

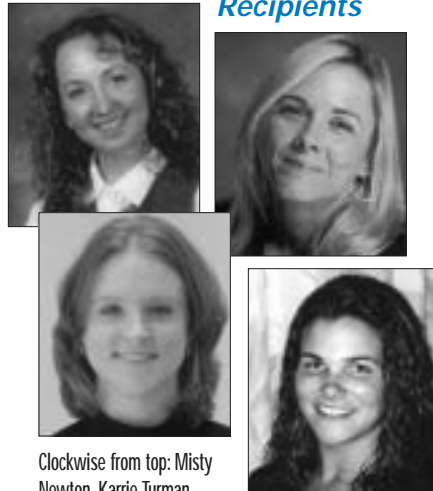
**Kathryn Thompson**  
Keene State College

### UPS Scholarship Recipients



Clockwise from top: Meghan Fetter, Braithe Landry, Jennifer Williams and Jessica Herrst

### Ford Motor Company Scholarship Recipients



Clockwise from top: Misty Newton, Karrie Turman, Kathryn Thompson and Jaime Oxford



**Thomas F. Bresnahan Distinguished Service Scholarship Recipient**

Daniel Nye

**James P. Kohn Memorial Scholarship Recipient**



Alison Montgomery

### Marsh Risk Consulting Scholarship Recipients



Jeffrey Schmitt and Jennifer Sollenberg



Sherri Pallen

**Thompson Scholarship for Women in Safety Recipient**

## ASSE Foundation 2003 Scholarship Program

For complete information on the Foundation's 2003 scholarship program, visit our website at [www.asse.org/foundat.htm](http://www.asse.org/foundat.htm) by August 15, 2002.

# ASSEF/NIOSH Cash Awards Competition

## Generating innovative research ideas to prevent workplace fatalities and injuries

Last fall, as part of a National Institute for Occupational Safety and Health (NIOSH) grant to promote occupational safety research, the ASSE Foundation sponsored a cash awards competition. The goal was to generate

innovative ideas for occupational safety research—initiatives that could be of significant assistance in preventing workplace injuries and fatalities, and can help improve the effectiveness of occupational safety pro-

grams. The key areas of research were: slips, trips and falls; machine guarding; and materials handling. Winners are highlighted here.

### SLIPS, TRIPS AND FALLS



#### 1st Place, 2nd Place & Honorable Mention

**Judith Burnfield, PT, Ph.D. Candidate**  
**Yi-Ju Tsai, M.S., PT**  
**Christopher Powers, Ph.D., PT**

*1st Place:* Influence of age and gender on slip and fall accidents for environmental interventions.

*2nd Place:* Influence of task and medical conditions on utilized coefficient of friction.

*Honorable Mention:* Biomechanical responses to unexpected slips during walking in young and older adults: Implications for therapeutic interventions.



#### 3rd Place

**David Berg**

Evaluation of slips, trips and fall incidents from elevated surfaces to quantify the basic levels of safety that are being compromised.

#### Honorable Mention

**Jimmie Hinze**  
**Xinyu Huang**

Prevention of falls on construction sites through virtual reality safety training.



From top: Yi-Ju Tsai, Judith Burnfield and Christopher Powers; In-Ju Kim; David Berg; Jimmie Hinze and Xinyu Huang.

#### Honorable Mention

**In-Ju Kim**

Slips, trips and falls in general industry and on construction sites.

### MACHINE GUARDING

#### 1st Place

**Marc Scarchilli**

Machine safeguarding: The next generation of presence-sensing devices.



#### 2nd Place & 3rd Place

**John Spath**

*2nd Place:* Analysis of machine guards relative to injury experience.

*3rd Place:* Analysis of machine guard acceptance.



From top: Marc Scarchilli; John Spath.

**I**deas are the lifeblood of innovation. These simple inspirations have given rise to many things we now consider commonplace—electricity, telecommunications, penicillin, air travel, space exploration, airbags and many other technological advances of the last century. Similarly, your ideas help advance the safety, health and environmental profession, and keep it on the cutting edge.

### MATERIALS HANDLING

#### 1st Place

**ESIS Risk Control Services**

A comparative analysis of manual materials handling risk factors using thermographic and electromyographic assessments.



#### 2nd Place

**Brent Edwards**  
**Shu-ann Lee**  
**Jim Reeb**

Analysis of workplace fatalities and injuries from material handling in retail trade home improvement and club warehouse industries.



Clockwise from top, left: Wayne Clifton (ESIS Risk Control Services); Timothy J. Ryan; (L to R) Brent Edwards, Shu-ann Lee and Jim Reeb.

#### 3rd Place

**Timothy J. Ryan**

Relative strain feedback device.

#### Honorable Mention

**Raju Basumatary**

Using human factors task analysis to develop strategies for materials handling.

#### Honorable Mention

**Agilent BBS Team**

Minimizing unsafe work practices by integrating observation and global feedback into existing processes.

# Donor List

This list reflects donations and pledges of \$50 or more made between July 1, 2001, and April 29, 2002.

The Foundation gratefully acknowledges the following donors for their generous support.

Their commitment to the Foundation is appreciated.

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### Visionary (\$15,000+)

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### Counselor (\$10,000 to \$14,999)

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### Counselor (\$2,500 to \$4,999)

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### Advocate (cont.)

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## Individuals:

### Visionary (\$1,500+)

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Marcella & Michael Thompson

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## America Responds

Since Sept. 11, donors have contributed \$6,000 to the America Responds Memorial Scholarship Fund, established for those ASSE members who lost their lives in the terrorist attacks in New York City and Washington, DC.

## COUNT ON MY SUPPORT FOR OUR ASSE FOUNDATION

Please Complete

Name  Member Number

Address

City, State & ZIP

I/we want to support the ASSE Foundation with a tax-deductible gift of:

\$25  \$50  \$100  \$250  Other \$

Name as it should appear on our recognition lists

### Matching Support

I have enclosed my company's matching gift form, or  
 My company will match my support. Please contact:

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Address

City, State & ZIP

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 Visa  MasterCard  American Express

Name on Card

Card Number  Expiration Date

Signature  Telephone

Please contact me about a gift of stocks, bonds or real estate.

### Ongoing Support

I would like to support the ASSE Foundation on an ongoing basis. Please bill my credit card (listed above) \$  on a

monthly  quarterly basis for the next year.

The ASSE Foundation, established to enhance the long-range future of the safety and health profession, is exempt from taxation under section 501(c)(3) of the Internal Revenue Code (IRC). Generally, contributions to the ASSE Foundation are considered charitable contributions under IRC section 170 and are tax-deductible as provided by law. Consult your tax advisor with any questions.

Advocate Spring 2002

## Research Grant Funded

### Study to examine safety incentive programs in construction

Paul M. Goodrum, Ph.D., P.E., an assistant professor of research at the University of Kentucky has received a \$10,000 grant to study the "Effectiveness of Safety Incentive Programs in Construction." Goodrum holds a B.S. in Civil Engineering from the University of Washington, Seattle, and an M.S. and Ph.D. in Engineering from the University of Texas at Austin.

According to Goodrum, he chose this subject because "a great deal of uncertainty exists regarding the effectiveness of safety incentive programs." He will seek to identify best practices by examining the economic return on investment in incentive programs that improve in safety.

As part of the project, safety directors from a sample of U.S. construction companies will be surveyed regarding their 2001 safety performance. This will include information on the number of recordable accidents, lost-time accidents, days away from work and near-hit accidents experienced. Construction workers will also be surveyed

to assess their perceptions of incentives and their effectiveness. The survey will also gather data on:

- personnel who are eligible for awards—managerial, supervisory, and/or front-line craft personnel;
- type of awards—cash or non-cash gifts and their financial value;
- award levels—given based on individual performance, crew performance, project performance and/or division performance;
- measurement criteria for awards—what is the minimum number of accidents to qualify for the awards?

Goodrum's final report on the outcome of the research will be due to the ASSE Foundation in Spring 2003.



Safety incentive programs have been a source of much debate in the SH&E profession. Paul Goodrum's study will assess their effectiveness in the construction industry—one of the nation's most-hazardous occupational settings.

## Liberty Mutual Research Fellowships Awarded

### Recipients to conduct safety-related studies at Liberty Mutual Research Center

The Liberty Mutual Research Center (LMRC) and the Foundation have teamed up again to award two fellowships during summer 2002. The fellowship program is designed to encourage research activity in safety;

expand and stimulate participants' understanding of safety research; and provide a forum for linking safety professionals, industry needs and quality research programs. This year's fellows are: Michael Ho, M.P.H., M.B.A., Johns Hopkins University, and David Peng, University of Michigan.



Michael Ho

Ho's research will focus on the "Use of Safety and Injury Data to Examine Safety Climate and its Relationship to Safety Practices and Occupational Injuries in Labor Intensive Work Environments." He will investigate the common components of safety climate, examine whether the phenomenon of safety climate is a determinant of safety practices and occupational injuries, and test the association between these factors.



David Peng

Peng will conduct a "Study of Factors Contributing to Occupational Hand Injuries." The research will focus on glove use and preventive methods.

The LMRC facility houses two entities. The Center for

# LIBERTY MUTUAL



Disability Research studies the causes, consequences and prevention of worker disability, and strives to help injured or ill workers return safely to the workforce after rehabilitation, retraining or complete recovery. The Center for Safety Research investigates accidents and the causes of injuries and their associated costs in various industries. It also studies different ways to enhance on-the-job safety. Boston-based Liberty Mutual Group, a diversified financial services company and one of the largest multi-line insurers in the property and casualty industry, has been a leading provider of workers' compensation insurance, programs and services in the U.S. for nearly 65 years. The company employs 37,000 people in more than 900 offices nationwide.

 **DAIMLERCHRYSLER**

Thanks to the generous support of these two companies, the ASSE Foundation has granted nearly \$100,000 this past year for scholarships to support the profession!

# Foundation Names New Officers for 2002-03

## Karl Jacobson Elected Chair, Carter Kerk Vice Chair

Karl A. Jacobson, CSP, and Carter J. Kerk, Ph.D., P.E., CSP, CPE, were recently elected Foundation Chair and Vice Chair, respectively, by the Foundation's Board of Trustees. Their terms will be effective July 1, 2002, through June 30, 2003.

Jacobson is senior vice president for loss prevention with Liberty Mutual Group, Boston. He is responsible for safety and health research, product development, technical support and specialty services for the company's commercial insurance market. Jacobson holds a B.S. in Civil Engineering from the University of Lowell (MA). An ASSE member for 23 years, he is member of ASSE's Career and Professional Development Committee and chair of the Loss Control Committee of the Alliance of American Insurers. Jacobson is also a member of the American National Standards Institute Z10 Committee on Safety Management Systems.

Kerk is associate professor at the South Dakota School of Mines and Technology, where he specializes in education, research and consulting in ergonomics, human factors, biomechanics and safety engineering. Kerk has also taught at Texas A&M University and worked for Dorsey Laboratories, Central Nebraska

Tubing and the Nebraska Energy Office. He holds a B.S. and an M.S. in Industrial and Management Systems Engineering from the University of Nebraska, and a



Karl Jacobson



Carter Kerk

Ph.D. in Industrial and

Operations Engineering from the University of Michigan. An ASSE member for 10 years, Kerk is Chair of the Foundation's Scholarship Committee and a director on the Board of Certified Safety Professionals.

Since joining the ASSE Foundation's Board of Trustees in 1999, Jacobson and Kerk have helped raise more than \$800,000 for research, education and professional development in occupational safety and health.



The Foundation's mission is to support the advancement of the safety profession and to protect the safety and health of all Americans.

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