

## **U.S. GOVERNMENT AWARD RECIPIENTS**

### **Presented at the 26th ESV Conference Eindhoven, Netherlands**

#### **U.S. Government Special Awards of Appreciation**

In recognition of and appreciation for outstanding leadership and special contributions in the field of motor vehicle safety

|                  |                |
|------------------|----------------|
| Bernd Lorenz     | Germany        |
| Adam McNeill     | Germany        |
| Hans Ammerlaan   | Netherlands    |
| Dr. Nils Lubbe   | Sweden         |
| Martin Magnusson | Sweden         |
| Bernie Frost     | United Kingdom |
| Daniel Smith     | United States  |
| David Zuby       | United States  |

#### **U.S. Government Awards for Safety Engineering Excellence**

In recognition of and appreciation for exceptional scientific contributions in the field of motor vehicle safety engineering and for distinguished service to the motoring public

|                       |               |
|-----------------------|---------------|
| Yasuhiro Matsui       | Japan         |
| Kyongsu Yi            | Korea         |
| Anders Kullgren       | Sweden        |
| Dr. Mikael Ljung Aust | Sweden        |
| Tom Hollowell         | United States |
| Sue Bai               | United States |

## ESV 2019 Award Recipients

CITATION READ AT THE AWARDS CEREMONY

### U.S. Government Special Awards of Appreciation

In recognition of and appreciation for exceptional scientific contributions in the field of motor vehicle safety engineering and for distinguished service to the motoring public

#### GERMANY

**Bernd Lorenz (ESV partner for many many years)**

Head of the Section Passive Vehicle Safety, Biomechanics  
German Federal Highway Research Institute  
Germany

CITATION

Bernd has been instrumental in promoting important research results in passive vehicle safety. He is passionate about supporting young researchers and has been deeply involved in the ESV student design competition for several years.

CITATION TEXT

In recognition of his distinguished career and his outstanding contributions to vehicle safety through extensive research in the field of Passive Vehicle Safety and Biomechanics Bernd Lorenz is recognized with this Special Award of Appreciation.

#### GERMANY

**Adam McNeill**

Department Leader for Vehicle Safety Concepts  
BMW Passive Safety  
Germany

CITATION

Adam McNeill has dedicated his career for over 20 years to vehicle safety. He has been responsible for a number of safety developments and vehicle concepts for use with automated vehicles.

CITATION TEXT

In recognition of his vast developments in vehicle safety Adam McNeill is recognized with this Special Award of Appreciation.

THE NETHERLANDS

**Hans Ammerlaan**

Senior Engineer  
RDW (The Netherlands Vehicle Authority)  
The Netherlands

CITATION

Hans Ammerlaan has dedicated his career spanning many decades to outstanding contributions in vehicle safety. He has a long list of achievements in regulatory development.

CITATION TEXT

For these and many other accomplishments, Hans Ammerlaan is being recognized with the Special Award of Appreciation.

SWEDEN

**Dr. Lübbe**

Director of Research  
Autoliv  
Sweden

CITATION

Dr. Lübbe has made an exceptional research contribution to integrated protection for Vulnerable Road Users. His work has advanced safety assessment programs around the world. He continues to quantify safety benefits of new technologies and to identify residual problems, combining the benefits of pre-crash and in-crash interventions to maximize protection levels on the way to Vision Zero.

CITATION TEXT

For his pioneering contributions and outstanding achievements in the field of vehicle safety, Dr. Lübbe is recognized with this Special Award of Appreciation.

SWEDEN

**Martin Magnusson**

Manager Autonomous Drive Functions  
Volvo Car Corporation  
Sweden

CITATION

Martin Magnusson has been dedicated to the automotive area for his full career with main focus on active safety functionality. With his technical skills, experience and belief in success he and the development team have been

able to implement world leading active safety. This has been the strong momentum, joy and inspiration for Martin in his work.

CITATION TEXT

For his extraordinary work in active safety and his many other accomplishments, Martin Magnusson is recognized with this Special Award of Appreciation.

UNITED KINGDOM

**Bernie Frost (ESV partner for many many years)**

Principal Engineer  
UK Department for Transport  
United Kingdom

CITATION

Bernie has been a significant contributor to improving road vehicle safety for 30 years, providing leadership across a varied and wide ranging portfolio aimed at saving lives and reducing casualties. He continues to lead innovative research and apply his science and engineering robustness to decisions and outcomes.

CITATION TEXT

For his extraordinary work in the connected vehicle environment and his many other accomplishments, Bernie Frost is recognized with this Special Award of Appreciation.

UNITED STATES

**Dan Smith**

Senior Regulatory Counsel  
Waymo  
United States

CITATION

Daniel Smith has devoted more than four decades to making automobiles and trains safer for everyone. He is smart, hardworking and dedicated to making the world a safer place

CITATION TEXT

In recognition for his outstanding work and contributions to vehicle safety regulations and rail safety standards, Daniel Smith is receiving this Special Award of Appreciation.

UNITED STATES

**David Zuby**

Executive Vice President & Chief Research Officer  
Insurance Institute for Highway Safety  
United States

CITATION

David Zuby's work has led to demonstrable improvements in vehicle crashworthiness and encouraged the adoption of effective technologies to help drivers avoid some kinds of crashes. These changes have prevented many injuries and saved countless lives.

CITATION TEXT

In recognition for his outstanding work and contributions to vehicle crashworthiness and crash avoidance technologies, David Zuby is receiving this Special Award of Appreciation.

## ESV 2019 Award Recipients

### Awards for Safety Engineering Excellence

In recognition of and appreciation for outstanding leadership and special contributions in the field of motor vehicle safety

#### JAPAN

**Yasuhiro Matsui**

Chief Researcher of Vehicle Safety Research Division  
National Traffic Safety and Environment Laboratory  
Japan

CITATION

Dr. Matsui's excellent leadership, technical expertise and scientific experiences in the area of impact biomechanics, and development technology for safety assessment of injury thresholds, test tools, test protocols, safety evaluation and concepts, are highly respected and well acknowledged by those in the government, research organizations and automobile industries.

CITATION TEXT

For his numerous contributions in vehicle safety and to the remarkable decrease in severe and fatal injuries in traffic accidents all over the world. Dr. Yasuhiro Matsui is receiving this Award for Safety Engineering Excellence.

#### KOREA

**Kyongsu Yi**

Professor, Seoul National University  
Park Chan Wook  
Korea

CITATION

Prof. Yi is an internationally-recognized leading researcher and scholar in the field of automotive systems and controls. Dr. Yi's technical expertise and leadership in the areas of vehicle dynamics control, vehicle active safety and automated driving systems are well respected and acknowledged by those in the academia, government and industry.

CITATION TEXT

For his many contributions to promoting vehicle safety, Kyongsu Yi is recognized with this Award for Safety Engineering Excellence.

SWEDEN

**Dr. Mikael Ljung Aust**

Human Factors Expert in Crash Avoidance  
Volvo Cars  
Sweden

CITATION

Dr Mikael Ljung Aust is an internationally recognized expert with a track record of applying research on behavioral science into crash avoidance innovations. He is a Technical Expert on Crash Avoidance at Volvo Cars Safety Centre who has authored more than 30 publications during his 20 years of experience.

CITATION TEXT

For his outstanding work in vehicle safety, Dr. Aust is recognized with the Award for Safety Engineering Excellence

SWEDEN

**Anders Kullgren**

Head of Research  
Folksam  
Sweden

CITATION

Anders Kullgren has made significant developments in analyzing real-world crashes. From this analysis he has focused his research on the reduction of injuries.

CITATION TEXT

For outstanding contributions in crash analysis, Anders Kullgren is recognized with this Award for Safety Engineering Excellence.

UNITED STATES

**Dr. Tom Hollowell**

Director Office of Crashworthiness Research (retired)  
National Highway Traffic Safety Administration  
United States

CITATION

Dr. Hollowell has dedicated his career to improving the safety of motor vehicle occupants. He is an accomplished researcher and an important leader in these technological contributions.

CITATION TEXT

For his tremendous efforts and outstanding contributions to crash safety, TBD is receiving this Award for Safety Engineering Excellence.

UNITED STATES

**Sue Bai**

Principal Engineer  
Honda R&D Americas, Inc.  
United States

CITATION

Sue Bai has demonstrated strong leadership in advanced safety technologies. She leads automotive industry efforts in developing standards that support connected vehicle technology.

CITATION TEXT

For his tremendous efforts and outstanding contributions to connected vehicle technology, Sue Bai is receiving this Award for Safety Engineering Excellence.