

INTRODUCING THE NEW FACES OF ENGINEERING

During National Engineers Week, February 22-28, the engineering community recognizes the new generation of engineers that is **turning ideas into reality**. These **New Faces of Engineering** were nominated as role models for their achievements by their employers and professional societies. To see all 57 New Faces of Engineering, go to www.eweek.org.



National Engineers
Week 2004
February 22-28

The New Faces of Engineering program is made possible by support from the IEEE (The Institute of Electrical and Electronics Engineers, Inc.) and IEEE-USA, Fluor Corporation, and National Engineers Week supporters. Alan L. Boeckmann, Chairman and CEO, Fluor Corporation, 2004 Honorary Chair, National Engineers Week. Joseph V. Lillie, IEEE/IEEE-USA, 2004 Chair, National Engineers Week.

National Engineers Week
Headquarters
1420 King Street
Alexandria, Virginia 22314

NEW FACES OF ENGINEERING 2004, left to right:



GEORGE L. BROWN, U.S. Army Corps Hydroelectric Design Center

Nominated by the U.S. Army Corps of Engineers, this mechanical engineer designed a new device to prevent leakage in hydroelectric turbines.

KYLE BROWNELL, Greenheck Fan Corporation

Nominated by the American Society of Heating, Refrigerating and Air-Conditioning Engineers, this mechanical engineer built a facility to improve heat recovery in ventilators.

ROB FIRMATURE, IBM Printing Systems Division

Nominated by the American Society of Mechanical Engineers, this mechanical engineer improves printer technology and maintenance.



CARLOS GARZA, P.E., P.G., Melden & Hunt, Inc.

Nominated by the National Society of Professional Engineers, this agricultural engineer works on environmental compliance for water and sewage treatment.

DOMINIQUE L. GREEN, Accenture

Nominated by the IEEE, this electrical engineer creates cost-saving software for telecommunications management.

ELIZABETH DAVIS KAY, Westinghouse Electric Company

Nominated by the Society of Manufacturing Engineers, this chemical engineer oversees manufacturing process solutions and improvements.



JIN LIU, PH.D., University of Texas at Dallas

Nominated by the Chinese Institute of Engineers/USA, this electrical engineer is a leading educator in integrated circuit and sensor system design.

ERIN MCGINNIS, Northrop Grumman Corporation

Nominated by the Society of Women Engineers, this industrial engineer supports manufacturing design of F-35 Joint Strike Fighter aircraft.

LT. LINDSAY MORGA, USS NIMITZ, U.S. Navy

Nominated by the U.S. Navy, this nuclear engineer supervises the operation and maintenance of the ship's reactor and engines.



BRIAN NATHANSON, PH.D., OptiStatim, LLC

Nominated by the Institute of Industrial Engineers, this industrial engineer creates mathematical models to treat septic shock and brain injury.

RACHEL STENDER, P.E., Port of Corpus Christi Authority

Nominated by the American Society of Civil Engineers and the National Society of Professional Engineers, this civil engineer manages a new water taxi landing, and is the first registered female engineer in the port's history.

CAPT. ROCKIE K. WILSON, U.S. Air Force, Yokota Air Base, Japan

Nominated by the U.S. Air Force, this civil engineer plays a key role in airfield construction and anti-terrorism projects.

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