

Technical Achievement Award

Alex P. Cheng

Alex P. Cheng has been selected as recipient of the 2001 Technical Achievement Award by the Central Pennsylvania Engineers Week Council. Mr. Cheng is a Lighting Specialist with Gannett Fleming, Inc., located in Camp Hill, Pennsylvania. As such, he is responsible for lighting design for various highway and transportation projects.

Mr. Cheng has 24 years of experience in the lighting design field. He began his lighting career with the Roadway Lighting Department of the Ministry of Transport and Communications of Venezuela in 1976. He worked in various capacities for the Ministry, performing lighting design, inspection of lighting facilities, review of lighting projects, and establishing lighting design criteria. Over a period of 10 years he completed over 100 projects, and advanced to lead



the Roadway Lighting Department.

In 1985 Mr. Cheng became a graduate research assistant while pursuing graduate studies in Architectural Engineering with specialization in illumination design. During this period

he acquired skills in lighting research and computer programming which he has utilized in his career since then. After completing his graduate studies, he worked from 1989 to 1992 for M & E Consultants in the Baltimore area performing lighting and electrical design for industrial plants, offices, health care facilities, schools and institutional buildings.

In 1992 Mr. Cheng joined Gannett Fleming where he has contributed to a number of major transportation projects. For S.R. 0581 (Harrisburg Beltway) he provided lighting design of interchanges on a fast track schedule utilizing CADD. He led the lighting design efforts for the largest highway lighting project completed in Pennsylvania - the Lackawanna Valley Industrial Highway, now renamed as the "Governor Robert P. Casey Highway". Other projects of

note include the Petroleum Street Bridge in Venango County and the Biddles Corner Toll Plaza in New Castle County, Delaware, winner of the 2000 International Illumination Design Regional Award of Merit for its cost saving design.

Mr. Cheng received a Bachelor of Science degree in Electrical Engineering in 1973 from the California State University, and a Master of Science degree in Architectural Engineering from the Pennsylvania State University in 1990. Since then he has continued to expand his knowledge of lighting design through numerous continuing education courses. In 1998, he obtained the title "Lighting Certified" from the National Council on Qualifications of the Lighting

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Professions, and taught a 3-credit course "Lighting & Interior System" for the Department of Interior Design of the Bradley Academy for the Visual Arts in York, Pennsylvania.

He is a member of the Illuminating Engineering Society of North America and has served at the national level on the Roadway Lighting Committee and Computer Committee. At the regional level, he has been a member of the East Central Regional Executive Committee since 1996 and has served as East Central Regional Program/Education Chair. He is also a founding member for IESNA Susquehanna Section in 1994, having served as Education Program Director and Instructor, Vice President, President, Newsletter Editor, Illumination Design Award Judging Coordinator, Section web site Chair, and Scholarship Vice

Chair. In 1998 he received the distinguished Section Meritorious Award from IESNA for outstanding service to the Susquehanna Section. Mr. Cheng is also a member of the American Society of Highway Engineers, and currently serves as vice chair of the Central Pennsylvania Engineers Week Council.

Mr. Cheng resides in Camp Hill, with his wife Chun, and children Anita and Alex. In his spare time, Mr. Cheng enjoys bowling and has coordinated Gannett Fleming's annual bowling tournament for the last two years. He has served as an advisor to the Boy Scouts of America Troop 285 in the development of their web site and as an adult supervisor at summer camps. He has also spoken to the students of East Pennsboro Middle School on electrical safety issues, and tutored students of the Marshall School of the Harrisburg School District.

PROCLAMATION

ENGINEER'S WEEK
February 18-24, 2001

WHEREAS, Engineers are highly trained professionals who utilize their scientific knowledge and technical skills in creative and innovative ways to fulfill the essential needs and specific interests of our society; and

WHEREAS, these dedicated professionals readily face the major technological challenges of our time — from rebuilding towns devastated by natural disasters, cleaning up the environment, and assuring safe, clean and efficient sources of energy, to designing information systems that promise to successfully propel our nation into the next century; and

WHEREAS, professional engineers remain dedicated to investing in our future by encouraging young math and science students to realize the practical power and the vast capabilities of their knowledge; and

WHEREAS, as the promise of the future unfolds before us, we, as citizens and communities, will look even more to our knowledgeable and skilled engineers to meet the challenges of tomorrow.

THEREFORE, in special recognition of the tremendous contributions that engineers have made, and will continue to make to our society, I, Tom Ridge, Governor of the Commonwealth of Pennsylvania, do hereby proclaim February 18-24, 2001, as ENGINEER'S WEEK in Pennsylvania.

GIVEN under my hand and the Seal of the Governor, at the City of Harrisburg, this eleventh day of December in the year of our Lord two thousand, and of the Commonwealth the two hundred and twenty-fifth.

TOM RIDGE
Governor