

Hohmann Trust awards first fellowship, scholarship

JOSEPH INMAN, Executive Committee, G.W. Hohmann Memorial Trust

The G. W. Hohmann Memorial Trust awarded the first GWH Graduate Fellowship and GWH Undergraduate Scholarship for the upcoming academic year. Kerry W. Key of the University of California - San Diego will receive the \$3000 graduate fellowship; Matthew D. Lengerich of the Colorado School of Mines will receive the \$1000 undergraduate scholarship.

These initial awards were funded by the Hohmann Trust. In the future, they will be financed by the G.W. Hohmann Endowed Scholarships Fund, which is administered by the SEG Foundation. This fund now has an endowment of \$65 000, half provided by the trust and half by SEG's Matching Gifts Program.

Recipients of the awards are selected by the SEG Scholarship Committee. Applications for the fellowship and scholarship for the 1999-2000 academic year must be submitted by 1 March 1999. In order to be eligible for the Hohmann awards, applicants must be full-time students in an accredited university and pursuing a degree in electrical geophysics.

In addition to the fellowship and scholarship, the trust also sponsors the G. W. Hohmann Award, awarded annually for excellence in electrical geophysics. The \$2000 award is intended to cover expenses incurred while attending the SEG Annual Meeting or other relevant meetings on electrical methods in geophysics. The criteria for the award vary from year to year. For example, it was decided to present the 1998 award to a junior scientist (defined as having completed his/her final degree within the last five years). The winner was David Alumbaugh of Sandia National Laboratories. The presentation was made at the 1998 SEG Annual Meeting in New Orleans.

The 1997 award was given to Misac Nabighian, a leading research geophysicist at Newmont Exploration for many years and now on the faculty of the Colorado School of Mines.

The G. W. Hohmann Memorial Trust for Teaching and Research in Applied Electrical Geophysics was established in November 1992 as a memorial to Gerald W. (Jerry) Hohmann, who died from cancer in May 1992 at the age of 51. Jerry, a professor at the University of Utah, was an international leader in geophysics whose research helped establish the modern field of applied electrical geophysics. He contributed fundamentally to many areas and was considered without peer in the field of numerical modeling of electrical methods.

Jerry earned a bachelor's degree from Colorado School of Mines in 1962 and subsequently served in the U.S. Coast and Geodetic Survey and as a field geophysicist with

Kennecott Copper Corporation. The ultimate direction of his career was established while earning graduate degrees at the University of California - Berkeley. The paper resulting from his Ph.D. research, "Electromagnetic scattering by conductors in the earth near a line source of current" (GEOPHYSICS 1971), set a cornerstone for much of his later work using the volume-integral method for electrical and electromagnetic modeling. His groundbreaking article, "Three-dimensional induced polarization and electromagnetic modeling" won the Best Paper in GEOPHYSICS Award in 1975. He won the Best Paper Award at SEG's annual meetings in 1975 and 1988.

Hohmann spent most of his career on the geophysics faculty at the University of Utah where he founded the Consortium for Electromagnetic Modeling and Inversion, the first of its kind for research in electrical methods in mining, oil, and geothermal exploration.

A full description of the life and career of this extraordinary geophysicist and human being is given in his citation for SEG Honorary

Membership which was published in *TLE* in February 1993.

The Trust is intended to be a lasting and active memorial to Jerry's achievements as a scientist and teacher. It has raised nearly \$71 000 through personal donations and special events. The latter have included a workshop at the University of Utah in 1993, a short course at the 1994 SAGEEP conference, and an international symposium in 1995 on "Three-Dimensional Electromagnetics." SEG will publish a volume, in its *Investigations in Geophysics* series, containing 40 papers from this symposium; proceeds from sales will be donated to the trust.

In addition to the awards described in this article, the trust has established a long-term goal of creating an endowed chair in Jerry's name at a major research university. \square



Jerry Hohmann

If you are interested in more information about the Hohmann Trust or wish to make a donation, please contact

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