Introducing new Council members ...

Mr G H Park was born and brought up in Zimbabwe, and holds a BSc Eng degree in mining from the University of the Witwatersrand.

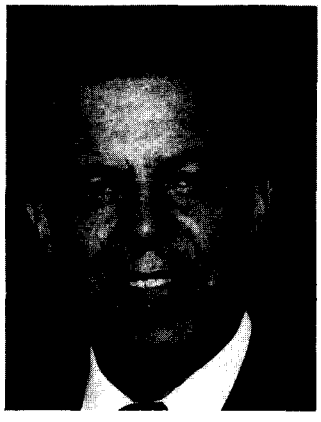
Starting as a Learner Official at Rand Mines, he went on to work at Durban Roodepoort Deep and then at Blyvooruitzicht, where he was Underground Manager. He then held managerial posts at Harmony, ERPM, Rietspruit Opencast Services, Duvha, and the Base Minerals Division of Rand Mines (Mining & Services). In November 1988 he was appointed Managing Director of Middelburg Mine Services (Pty) Ltd and Rietspruit Opencast Services (Pty) Ltd, a position that he still holds.

As well as being a Fellow of the SAIMM, he is an Associate Member of the Association of Mine Managers and a Member of SACMA.

Mr D J van Niekerk was educated at Helpmekaar Boys' High School in Johannesburg and the University of Pretoria. He holds the degrees of BSc Eng (Mining), BSc Eng Hons (Mining), and M Eng (Mining)—all from the University of Pretoria. He also holds an MBA from Unisa.

From 1968 to 1972, he worked on gold mines, and then for seven years he served as Senior Lecturer in the Department of Mining Engineering at the University of Pretoria. He joined Trans Natal (now Genmin) in 1982 and, after working on various coal mines and at head office, he became Manager, Mining Engineering at Iscor.

He has been a registered Professional Engineer since 1975, and is a Fellow of both the SAIMM and the MVSSA, and an associate member of SACMA and AMMSA.



Mr C J C Janse van Vuuren was educated at Klerksdorp High School, Pretoria Technical College, the University of Pretoria, and Unisa. He holds the following degrees: BSc (I&S), BSc Hons (Met Pta), ND (Met Tech), AEP (Unisa).

Starting his working career at the Vanderbijl Works of Iscor (1968–1972), he became Manager, Quality Assurance at Iscor's Pretoria Works in 1972. In 1978 he moved to the Newcastle Works as General Manager and, after serving as General Manager, Steel Marketing at Head Office from 1984 to 1987, he was appointed General Manager, Planning and Development—a position that he still holds.

He serves on the boards and councils of several other organizations.

Prof. R F Sandenbergh was educated at the Afrikaanse Hoërskool Germiston and the University of Pretoria. He holds the degrees of B Ing (Chem), M Ing (Chem), and D Ing (Metall).

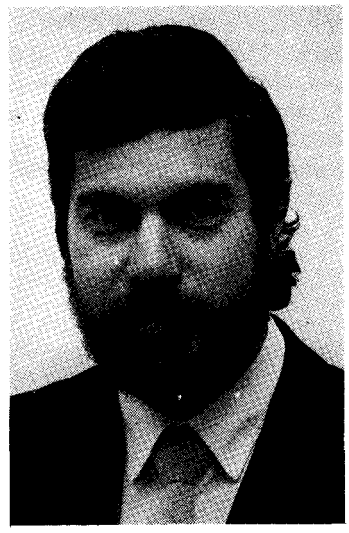
He started work in 1973 as a Technical Assistant at Hartebeestfontein Gold Mine, but soon joined the University of Pretoria as a Lecturer in the Department of Metallurgical Engineering. He was appointed Senior Lecturer in the same department in 1976. After some time in the USA as Guest Researcher at the Massachusetts Institute of Technology, he became an Associate Professor, and then Professor (1988), in the Department of Metallurgical Engineering at the University of Pretoria.

He is a registered Professional Engineer, and is a member or fellow of several professional bodies.

President's Award

Professor Jannie van Deventer, Head of the Department of Metallurgical Engineering at the University of Stellenbosch, has been honoured with one of the five President's Awards for 1990. These awards are made by the CSIR's Foundation for Research Development.

The President's Awards are made to young scientists, under the age of 35 years, who have shown outstanding potential as researchers and are beginning to receive international recognition for their work. Awards are adapted to the specific needs of the individual and can be used for support staff, studentships, equipment, travel, and running costs.



Professor Van Deventer is the only Cape recipient this year, and will receive support for his work during the next four years.

Research Work

Professor Van Deventer's research in mineral processing, especially the recovery of gold, has already attracted international attention. He has set out to obtain a greater understanding of the processes used by industry for the extraction of minerals so that they can be improved. Rising costs and the falling gold price have made it of utmost importance that the optimal extraction of gold and other mineral products should be achieved. The problems are aggravated by the fact that the orebodies now being treated are far deeper and of lower grade than those of earlier years.

South Africa is a world leader in the field of mineral processing, and Professor Van Deventer has done much to disseminate this information. For instance, in 1988 when he was visiting professor at Curtin University in Western Australia, his contacts welcomed the information that he could give them on the latest research being conducted in South Africa.

He will use the funding that he has been awarded for support personnel and other running costs. In addition, he plans to bring out experts from abroad, especially from the USA and Australia, who can make a meaningful contribution to the minerals research work being conducted at the University of Stellenbosch.

Curriculum Vitae

Professor Van Deventer was appointed Senior Lecturer at the University of Stellenbosch in 1981, after he had obtained an honours degree in chemical engineering and had fulfilled his two years of committed service to that University. In 1987 he was appointed Associate Professor in metallurgical engineering.

In the intervening years, he had obtained a B.Com. Hons. degree from Unisa (1982) and a doctor's degree in the USA (1985). He intends obtaining a second doctor's degree—in business economics from Unisa. The subject of his thesis is management of the mineral industries in South Africa and Australia.

His research record is as impressive as his academic one. For example, he has presented 14 papers at international conferences in South Africa and elsewhere. Two of these were presented at the recent congress held in Edinburgh by the well-known Council of Mining and Metallurgical Institutions (CMMI).

In addition to several papers that he presented at national conferences in South Africa, he has served as consultant to two Australian firms and to several local organizations.

Insufficient Funding

Professor Van Deventer, while grateful for the award made to him but mindful of others' needs, maintains that the State should provide far more support for the development of mining and metallurgical technology. Such support, he says, is justified by the fact that the mineral industry last year was South Africa's largest source of export earnings.

He feels that most State funding should be given for research into the activities that provide most food and employment for the population—agriculture and mineral processing (which includes mining). Up to now these activities have been given limited support while other, less important fields of research have been given assistance.

SAIMM

Professor Van Deventer is a Fellow of The South African Institute of Mining and Metallurgy and a member of its Council, and has played an active part in its Western Cape Branch, having served as Chairman in the 1989/90 year.

G R Bozzoli Awards*

Prof. Alan Kemp, Dean of the Faculty of Engineering at the University of the Witwatersrand, has appealed to industry not to cut bursary funding during recessionary times.

Prof. Kemp was speaking at the fourth annual presentation of the G R Bozzoli Awards by the Faculty of Engineering to individuals and companies in recognition of their outstanding contribution to engineering education in South Africa. He said a further cut in government subsidy for 1991 had led the University to reduce the equipment budgets of its faculties by about 75 per cent compared with 1990. The cuts also imposed massive restrictions on the filling of vacant posts, which would have a particularly devastating effect on engineering.

The lack of a government priority meant that engineering education at universities with high entry standards was being sacrificed to admit Arts students with E-level matrics at other universities. 'In this environment, our achievements as an engineering faculty must become more and more dependent on the private sector', said Prof. Kemp. He added that the Faculty was also increasingly concerned over its pass and graduation rates, and that additional staffing was a high priority in improving its output of engineers.

'By sponsoring named chairs, and teaching and research fellowships and assistantships, private-sector companies could associate their names with the Faculty, directly support disciplines relevant to them, improve pass rates, address the needs of disadvantaged students, and advance applied research relevant to their technological interests.

Anglo American director and former President of the Chamber of Mines, Mr Peter Gush, recipient of one of this year's G R Bozzoli Awards, told guests at the function that the education crisis was second only to the population explosion as a long-term fundamental issue facing South Africa. 'Many people in this country are very concerned about the education crisis, but there is much duplication of effort and overlapping of scope', he said. 'While private enterprise, educational institutions, professional bodies, and experts should play a considerable role, the Government had to provide the overall framework and the vision. We should combine the need for better-trained technical people with the need to employ as many of our citizens as possible. We have to pioneer an economy driven by high technology, yet which is labour-intensive.'

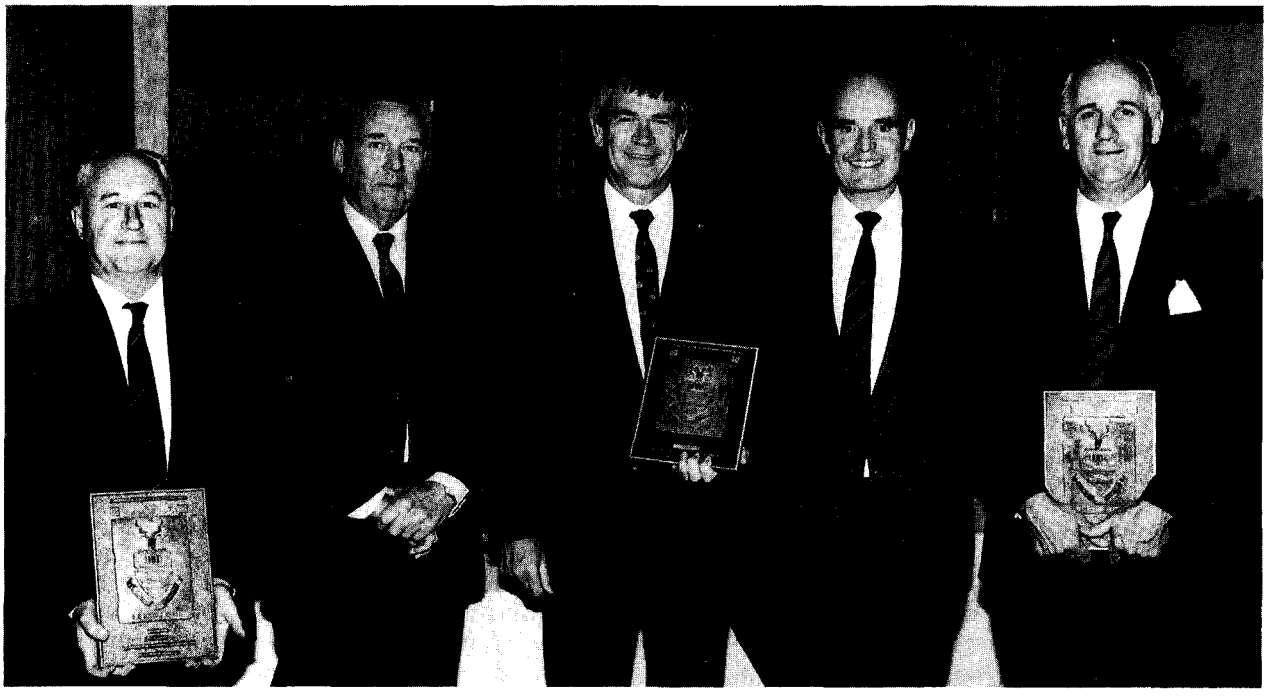
Another of the G R Bozzoli Award-winners was Mr Neville Gallie, Chairman of the School of Mechanical Engineering's Advisory Committee and former Chief Consulting Mechanical and Electrical Engineer at Rand Mines and to Genmin.

Both Mr Gush and Mr Gallie are graduates of the University's Engineering Faculty, and both, taking a keen interest in education, have established close and beneficial ties between their organizations and the Faculty.

Genmin has played an important role in the development of the new engineering buildings on the West Campus, and has maintained a pro-active approach towards collaborative research projects in the Departments of Electrical, Mining, and Chemical Engineering.

The G R Bozzoli Awards are named after Professor Bozzoli, a highly respected past head of Electrical Engineering, Dean of the Engineering Faculty, and Vice-Chancellor of the University.

* Released by Lynne Hancock Communications, P.O. Box 1564, Parklands 2121.



At the presentation of the 1990 G R Bozzoli Awards by the Faculty of Engineering at the University of the Witwatersrand were (from left) Mr Neville Gallie, Chairman of the School of Mechanical Engineering's Advisory Committee; Mr Ted Pavitt, Chairman of the University Foundation; Mr Brian Gilbertson, Chairman of Genmin; Professor Alan Kemp, Dean of the Faculty of Engineering; and Anglo American director Mr Peter Gush