

## NOBEL PRIZES 2000

Winners of the Nobel Prizes, announced this week in Oslo, Norway:

### PEACE

South Korean President Kim Dae Jung, a long-time pro-democracy activist, for his efforts in establishing relations with communist North Korea. Kim's historic meeting in Pyongyang in June with the North's leader, Kim Jong Il, ushered in the first warming of relations between the two nations since the 1950-53 Korean War.



### CHEMISTRY

▲ Alan MacDiarmid, above, of the University of Pennsylvania, Alan Heeger of the University of California at Santa Barbara and Hideki Shirakawa of the University of Tsukuba in Japan for their discoveries in the use of plastics to conduct electricity.

### LITERATURE

◀ Novelist and playwright Gao Xingjian, a survivor of China's Cultural Revolution who fled the country for France after his works were banned. The Swedish Academy cited the "bitter insights and linguistic ingenuity" in such works as the play "Fugitives," set against the background of the 1989 Tiananmen Square massacre, and "Soul Mountain," a narrative about Gao's travels in China.



Source: Associated Press

### PHYSICS

American Jack Kilby, who invented the integrated circuit at Texas Instruments in 1958, shared the prize with two physicists whose work contributed to satellite and cell phone technology: Herbert Kroemer of the University of California at Santa Barbara and Zhores Alferov of the A.F. Ioffe Physico-Technical Institute in St. Petersburg, Russia.

### ECONOMICS

► Daniel L. McFadden, right, of the University of California at Berkeley and James J. Heckman of the University of Chicago, for developing theories on how people work and live, research that contributed greatly to employment training, public transportation, communication systems and other areas.

### MEDICINE

Arvid Carlsson of the University of Goteborg in Sweden, Paul Greengard of Rockefeller University in New York and Eric Kandel of Columbia University in New York, for discoveries about how messages are transmitted between brain cells, leading to treatments of Parkinson's disease and depression.



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