

# Marv LaVoie Named Newest Tek Fellow



Employee  
Success

"Tektronix Fellow" is the company's highest engineering designation, signifying the pinnacle of customer-driven

technology accomplishments.

Three top engineers — Arnie Frisch, Bruce Penny and Steve Sullivan — were recently reappointed for additional two-year terms.

And another, Marv LaVoie of Measurement's Instrument Business Unit, is named a first-term Tek Fellow.

Arnie is in charge of the integrated instruments program for MBD Central Engineering, where he's working on advanced embedded testing. Bruce is active in new-product plans and technology development — including MPEG video compression — for VND. Steve is in MBD's Central Engineering Advanced Development Group, where he's designing integrated circuits for use by the Tools Business Unit.

## Contributor to Success

Marv began his career on the company's manufacturing line after high school. "I needed money for college," he recalls, "and I heard of this wonderful company where I could work a few weeks, amass a huge sum of money, and head for college. Needless to say, it took more than a few weeks."

After Marv graduated from Oregon State University with a degree in electrical and computer engineering, he returned to Tektronix. He subsequently received a master's degree in business administration.

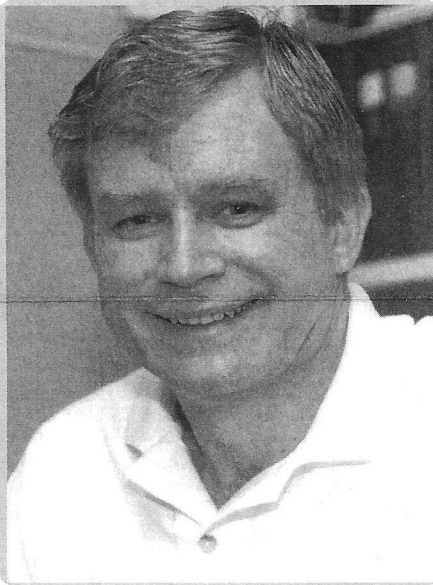
Today, Marv holds five U.S. and eight non-U.S. patents.

Marv credits his work as design engineer, project leader, and contributor on several successful products for his being named a Tek Fellow.

Arnie Frisch, Bruce Penny,  
Steve Sullivan Reappointed  
to Two-year Terms.

## Adding Strength to Scopes

Products he's helped develop include the 2400 Series analog scopes and the more recent TDS family of instruments — including the TDS 784A, which was named



Marv LaVoie, the newest Tek Fellow, holds five U.S. and eight non-U.S. patents and has been instrumental in innovations that are earning Tektronix oscilloscopes worldwide recognition for performance.

EDN Innovation of the Year, among several other honors around the world.

"These scopes have significantly benefited digital designers in the computer, communications and video industries," Marv says, adding that as data rates increase, designers are more concerned

with high-speed faults. "These instruments are aimed squarely at solving this problem."

Marv notes that many consider the oscilloscope a mature instrument that changes little from year to year. But thanks to the brainpower of Tektronix engineers such as Marv, the company's new products have shaken the industry with their innovation.

"The features that make the oscilloscope so useful," he notes, "have only gone into the products in the last few years."

## Faster Clockspeeds

"Engineers want to see what's happening a long time before and after an event, to better isolate problems," Marv explains. The most recent Tek innovation Marv cites is the award-winning InstaVu™ acquisition system, which enables customers to see a one-in-a-million fault in the presence of normal events.

"The hardest problems for digital designers to solve are the ones they don't know they have," he says. TDS instruments with the InstaVu system indicate the existence of unexpected events, and provide the triggers to capture them for analysis. "You can see in a few seconds what normally takes hours to acquire," he says.

Married with two sons and a daughter, Marv contends the future for instrumentation is bright, especially for scopes and logic analyzers.

"With both instruments, engineers can see what's being measured," he says. "This capability allows the designer's brain, as well as the instrument's computer, to interpret the results — a capability hard to imagine ever being replaced."

— Charles  
Martin

## Tektronix Stock Closings

JULY 31.....	38 1/4
AUGUST 1.....	38 3/8
AUGUST 2.....	38 7/8
AUGUST 5.....	39 3/4
AUGUST 6.....	39 7/8

Most recent Tek 401(k)  
Stock purchase price  
7/19 Payroll 39.9495