



Fig. 2-8. Studio camera technicians are responsible for shooting and/or recording studio programs. They must be able to understand and carry out instructions. (WBAL-TV, Channel 11, Baltimore, MD)

MOTION PICTURE PHOTOGRAPHERS

Thousands of motion pictures are produced each year. They include training films, advertising films, educational films, and films for entertainment.

Motion picture photography has become a highly specialized profession. Special effects seen in many motion pictures require computer controlled cameras. They are operated by technicians who possess great skill and creativity.

SCIENTIFIC PHOTOGRAPHERS

Photography is used in all scientific fields. The photographer may be a marine biologist diving to record marine life. An ecologist may use aerial photography to study forests and wetlands.

Scientists use light microscopes, Fig. 2-9, to photograph cell structures. Geologists use the scanning electron microscope to study rocks and minerals, Fig. 2-10.

Medical photographers may record diseased organs or document new surgical procedures in the operating room. Many large hospitals have training programs in medical photography.

LAW ENFORCEMENT PHOTOGRAPHERS

Nearly all law enforcement agencies use photography. Much of this work is done by regular police officers. Pictures must accompany accident

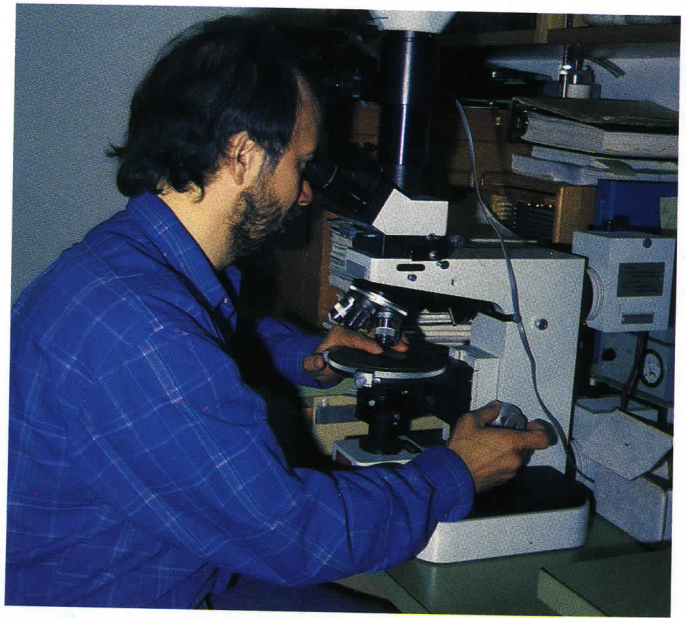


Fig. 2-9. Scientists in medical research use light microscopes to photograph cell structures in search of information that will lead to the prevention and cure of diseases.

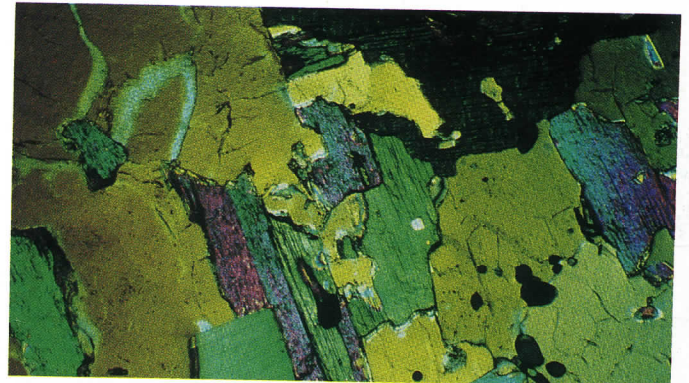


Fig. 2-10. Geologists use the scanning electron microscope to photograph rocks and minerals. This is a photograph of Virginia limestone magnified 15,000 times.

reports and routine crime reports. More and more, this kind of work is being handled by specialists. Many states have training programs for this area of professional camera work.

Crime lab photographers take pictures used as evidence to solve crimes. Their work may include ballistic photography and infrared photography to reveal "filed down" serial numbers.

The fire marshal's office uses photography to help determine whether a fire was caused by arson or by other means. See Fig. 2-11.

FREELANCE PHOTOGRAPHERS

Freelance photographers, as you might guess, work for themselves. Assignments may relate to many