

Expert panel urges earlier, more aggressive intervention in RA


AMA considers legal action on 'medically unnecessary' letters

Immunomodulators produce impressive results in AIDS

Delayed relative value scale ignores age

The J-curve for BP control gains support

Medical WORLD News



**Biomedical
Photography
1988**

Biomedical Photography 1988

*Biomedical photographers see
all of medicine—illuminated by
their vision and range of light.*



Pectinatella magnifica, x10
William R. West

First Award Color Print, Natural Science

This photomicrograph was chosen because of the difficulty in photographing live subjects. West, head of the photography department at Carolina Biological Supply Company in Burlington, N.C., was praised by the judges for creating strong visual interest while demonstrating his excellent camera and lighting skills.

Rheumatoid Arthritis
Jane Shemlt

First Award Color Print, Clinical Photography

This image impressed the judges with its ability to portray all aspects of the disfiguration, such as shape and texture, while remaining a visually strong and dynamic photo. Shemlt is a photographer for Charing Cross & Westminster Medical School in London.

Biophotographers offered every type of image from photomicrographs of the bryozoan *Pectinatella magnifica* to traditional photographs illustrating day-to-day clinical practice in the 58th annual Biological Photographic Association Professional Salon, held in late June in Rochester, N.Y.

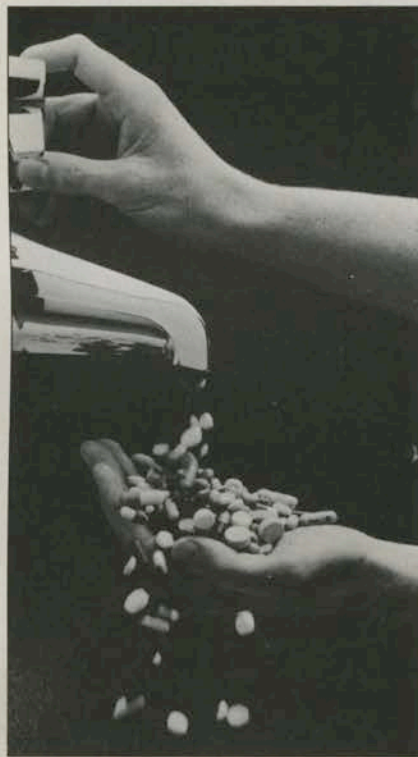
Wes Morningstar, the 1988 chairman of the salon and an adjunct faculty member of the imaging and photographic technology department at the Rochester Institute of Technology, says the overall quality of the entries this year was quite high. "There were a lot of good entries turned down in favor of excellent entries." The salon, part of the BPA's annual meeting, is a good opportunity for biophotographers to hear the opinions and see the work of their professional peers. The salon judges are all professional biological photographers.

Many of the award winners were chosen because they would work well as teaching tools, such as the shot of a calcified heart valve, shown on page 35, or the photo of an arthritic hand at left.

The photograph on the cover is the 1988 MWN Award winner, given for the best entry in the salon with a medical theme. E. Lynn Baldwin, a registered biological photographer for the department of biomedical communications at Houston's M.D. Anderson Cancer Center, said his goal was to create a series of images that portray the reality of nursing cancer patients, rather than pictures of a "pretty nurse helping a poor patient."

Michael R. Peres, one of the judges of this year's salon, and MWN editors Andrea Wheeler and Rebecca Freed describe some of the winning photographs on these pages. Peres is a registered biological photographer and an instructor in biomedical photographic communications at the Rochester Institute of Technology.

COVER
STORY



Reach for Relief
Phred Petersen

First Award Black and White Print,
General Illustrative

This photograph was rewarded for its unique solution to the problem of visual communication. Petersen, a photographer at the University of Texas Health Science Center at San Antonio, set out to communicate the ease of access to therapeutic drugs.

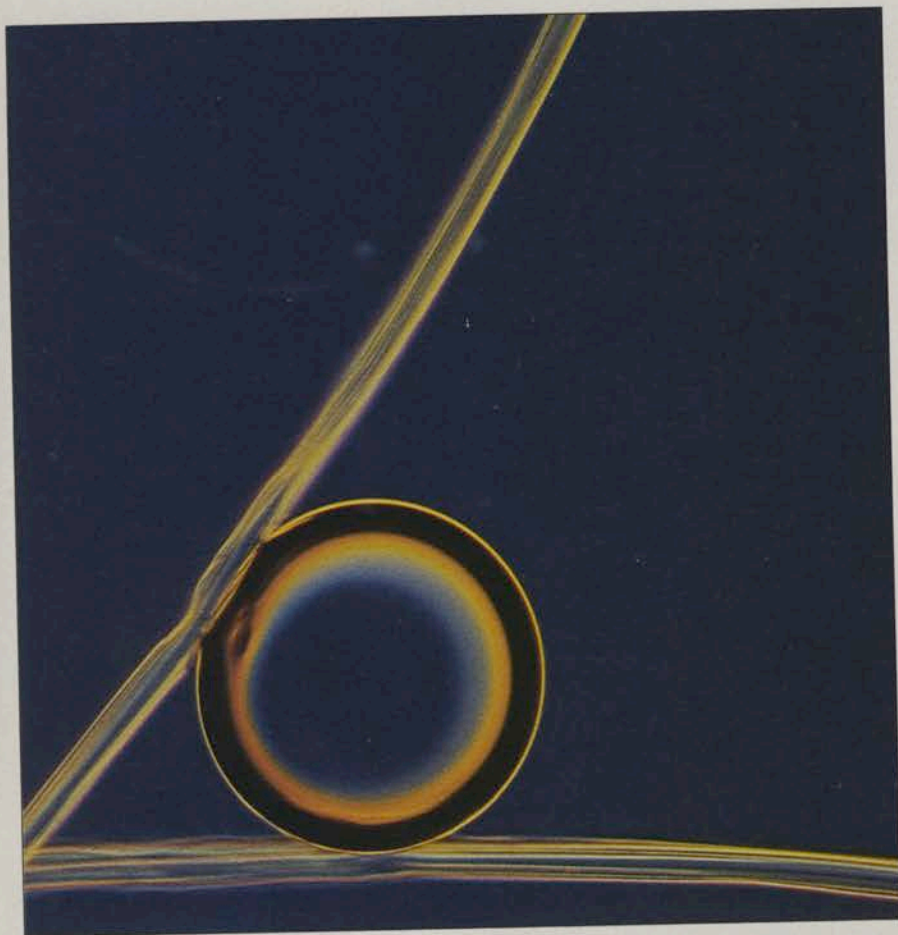


Tibial Tuberosity
Cape Buffalo
Patricia Barber

First Award Black and White Print, Specimen

The judges chose this photo for its excellent technical execution of black and white photography and strong visual presentation. The use of photography and radiography effectively portray the subject's pathology. Barber is a registered biological photographer at Shriners' Hospital for Crippled Children in Tampa, Fla.

COVER
STORY



Viscose Rayon-Rheinberg Illumination, x297

Mary Joyce Frantz

**First Award Color Print Photomicrography,
Best Student Entry**

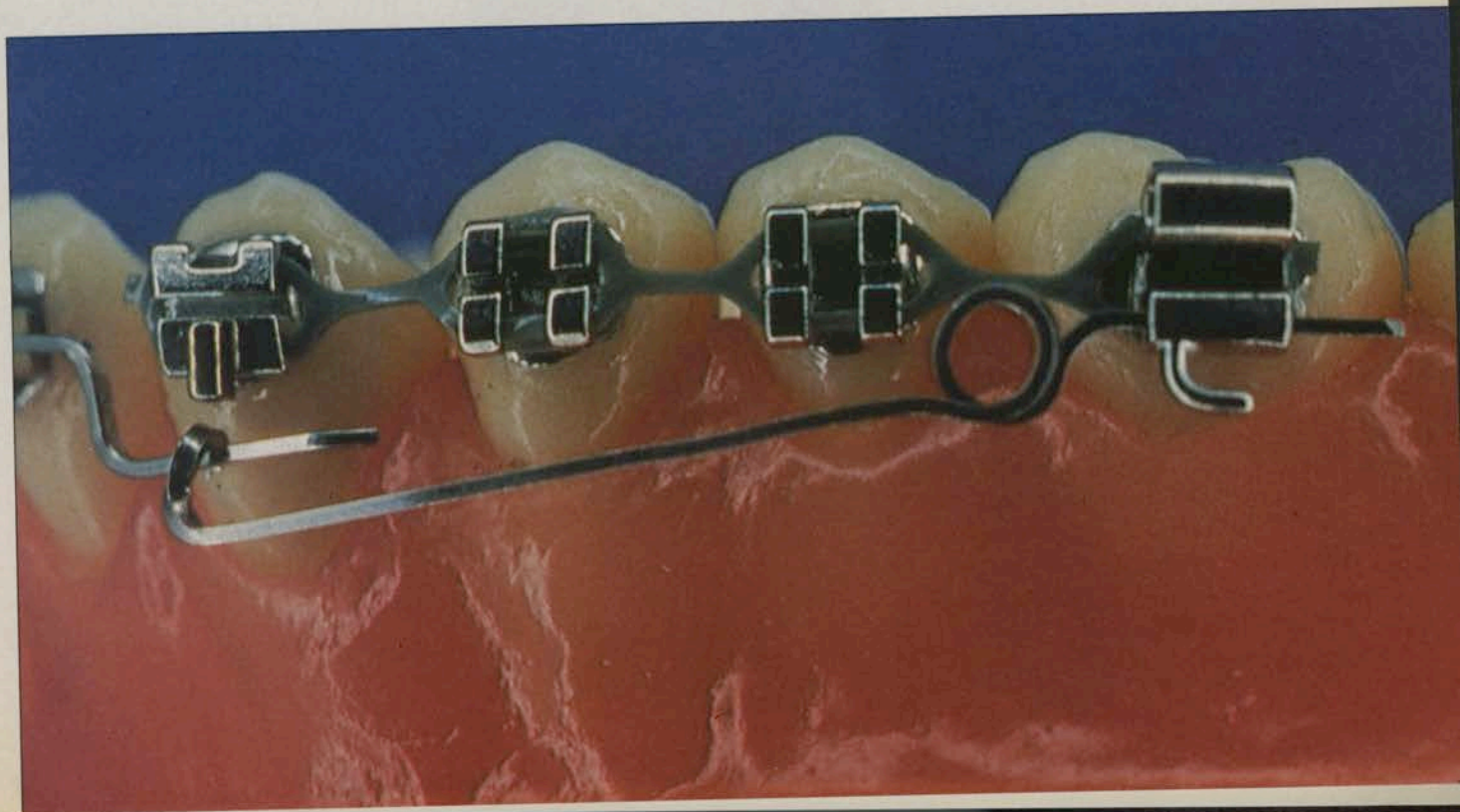
This photo of the internal fiber composition of rayon impressed the judges with its use of Rheinberg illumination. Frantz is a third-year biomedical photography student at the Rochester Institute of Technology.

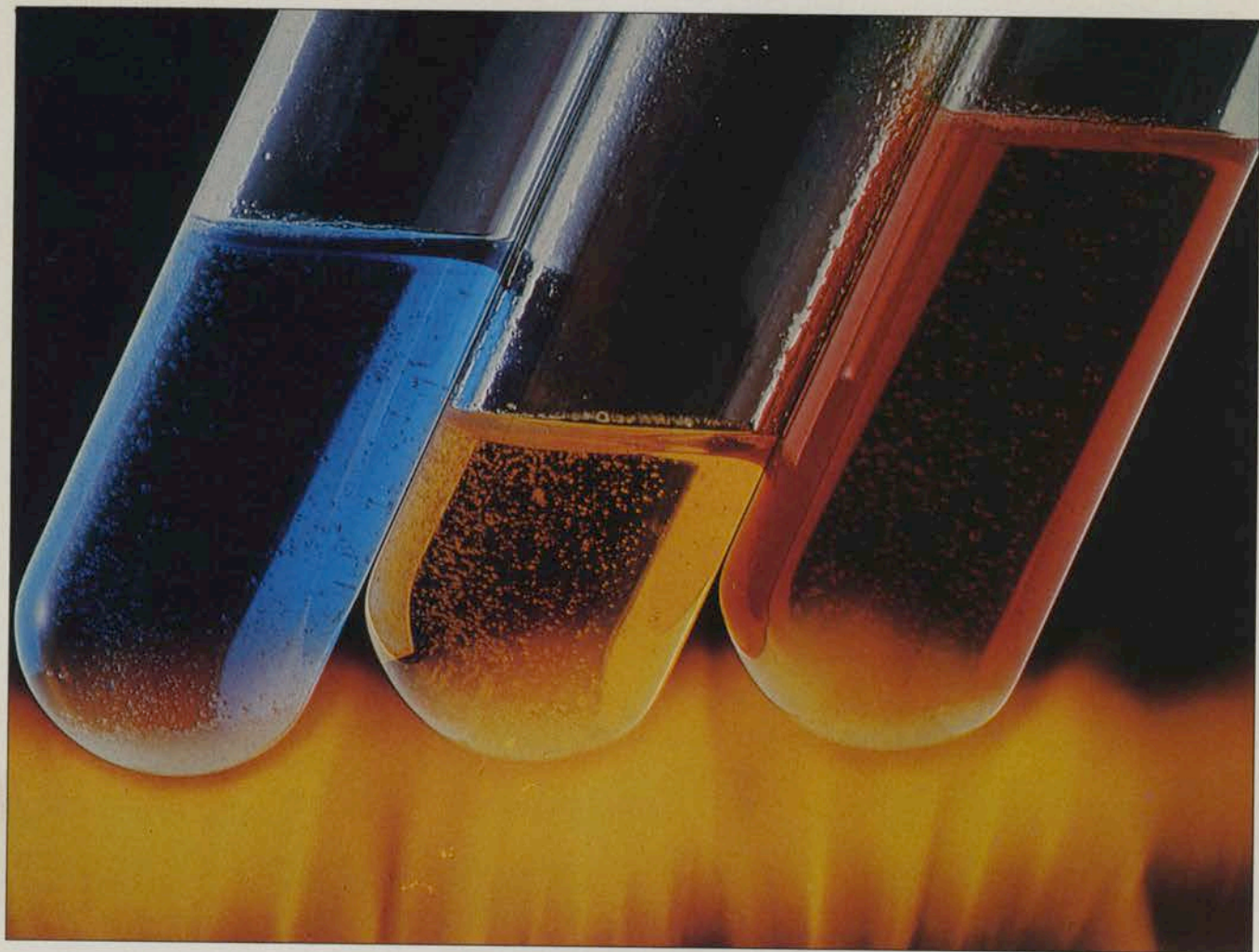
Orthodontic Space Closure

Thomas Koczera

**First Award Color Transparency,
General Illustrative**

As an aid to dentistry, this teaching slide was produced using metallic lighting to highlight the various metal components of the orthodontics. Koczera is a medical photographer for the University of Connecticut Health Center in Farmington.





Test Tubes Over Flames

Francisco Chanes

Second Award Color Print, General Illustrative

The controlled illumination and the use of a natural gas flame made this promotional shot a success. Chanes is senior medical photographer at Cedars-Sinai Medical Center in Los Angeles.

Research and Industry

Phred Petersen

First Award Color Print, General Illustrative

Communicating "the cooperation between research and the cogs of industry" was the intent of this photo. Petersen impressed the judges with his conceptual photo reflecting good style, quality lighting, and a strong design.



Calcified Congenitally Unicuspid Heart Valve

Richard Frederickson

Honorable Mention Color Print, Specimen

Frederickson impressed the judges with his ability to direct light down into the heart and thereby demonstrate the multisurfaced interior structure of this gross specimen. Frederickson is a scientific technical photographer for the pathology branch at the National Heart, Lung, and Blood Institute at the National Institutes of Health in Bethesda, Md.

COVER
STORY

