

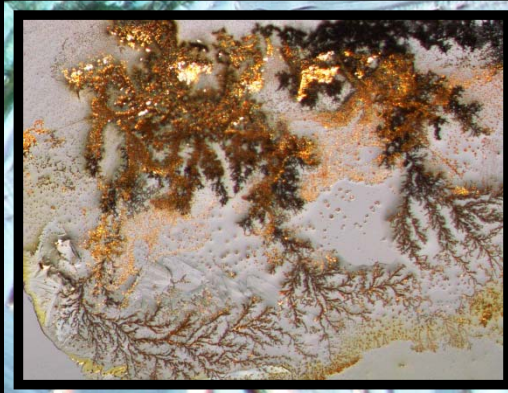
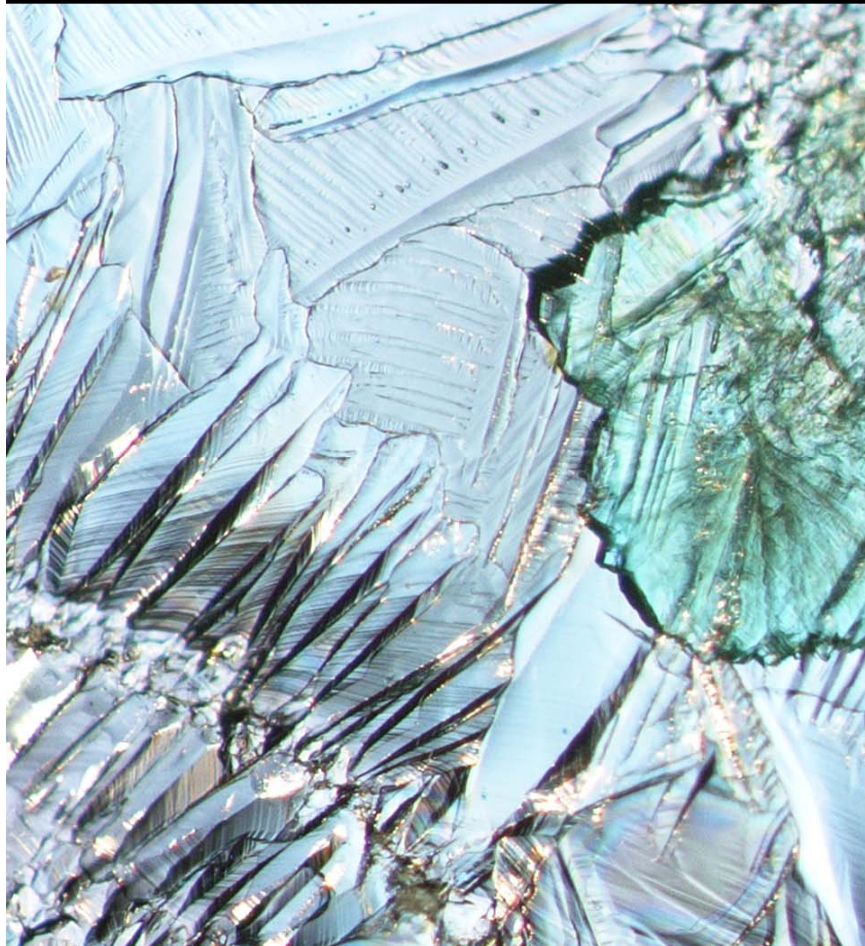
THIS SEMESTER'S FEATURED ARTIST  
IS:  
JAMES H. MAYNARD  
DIRECTOR, DEMONSTRATIONS LAB



Secretary of the Academic Staff Office  
Bascom Hall Room #270

—SEPTEMBER THROUGH DECEMBER—

## ACADEMIC STAFF ART GALLERY OPENING



## FEATURED ARTIST JIM MAYNARD

MANY OF THESE PHOTOS WERE TAKEN COURTESY OF THE UW-MADISON DEPARTMENT OF CHEMISTRY X-RAY CRYSTALLOGRAPHY LAB. THESE PHOTOMICROGRAPHS WERE TAKEN AT MAGNIFICATIONS VARYING FROM ABOUT 30 TIMES NORMAL TO 50 TIMES NORMAL SIZE.

IN MANY PHOTOS, A SINGLE CRYSTAL OF MATERIAL WAS INTRODUCED TO A SINGLE DROP OF SOLUTION ON A SLIDE, AND THE SUBSEQUENT REACTION WAS RECORDED. A BRIGHT, HOT LAMP WAS USED TO LIGHT THE SYSTEM, AND TO EVAPORATE MUCH OF THE WATER IN THE DROP, CAUSING THE PRODUCTS OF THE REACTION TO CRYSTALLIZE INTO THE INTERESTING AND BEAUTIFUL SHAPES SEEN IN THESE IMAGES. THIS ACTIVITY IS INTRODUCED IN AN ARTICLE FROM THE JOURNAL OF CHEMICAL EDUCATION WRITTEN BY R. RAMETTE, J.W. MOORE, AND J.H. MAYNARD.