



It was hot at rehearsals in the Gold Room, and Robert Shaw knew it.  
photo by Howard Coffin



Robert Shaw's choral students presented him with several gifts at the last rehearsal. Above he stands amid empty music stands at the end of a summer's season.  
photo by Howard Coffin

# The Observer

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## New Facilities and Faces Spark Biology Department

Oakland's newly established biology department continues to expand under the guidance of department head Clifford Harding. Recent additions to the teaching staff include Ruben Tosch, a cytologist, Herbert Schuel, a cell physiologist, and John Reddan an NIH post-Doctoral fellowship recipient also specializing in cell physiology.

Tosch will instruct the UC 086 Life Sciences course and Biology III. Schuel will be engaged in a special research program under a National Science grant, in addition to his teaching duties.

These new members join Harding, a specialist in growth and cell division, and Walter Wilson, a physiologist whose special interest is the biological effects of radiation on cell division. Both joined the Oakland faculty last semester.

The department has planned a well-rounded teaching program, with intensive research work in the area of cell biology. "We hope that students will be interested in taking part in research," said Harding.

Harding also outlined the range of new facilities and possible

department projects. In addition to the new electron microscope, the department is in the final stages of an expansion program that will provide new offices and laboratories this fall. Of departmental projects now in the speculative stage, most exciting is the possibility of marine aquaria. Thanks to new techniques in transportation and handling, inland studies of marine life are now plausible.

In the wake of the biology department's rapid growth, Harding was anxious to express his satisfaction "with the co-operation and support" given him by the university.

### Festival Program

FRIDAY, August 6 -- Sylvi Lin

Overture to "William Tell" . . . . . Rossini  
Piano Concerto in A minor, Op. 54 . . . . . Schumann  
Symphony in E minor, No. 2, Op. 27 . . . . . Rachmaninoff

SATURDAY, August 7 -- Sylvi Lin

Overture to "Euryanthe" . . . . . Weber  
Symphony in B flat major, No. 4, Op. 60 . . . . . Beethoven  
Piano Concerto in G major . . . . . Ravel  
Concerto for Orchestra . . . . . Lutoslawski

THURSDAY - FRIDAY, August 12-13 -- Jerome Hines

Overture to "The Marriage of Figaro" . . . . . Mozart  
Arias from "Marriage of Figaro," "Magic Flute"  
and "Don Giovanni" . . . . . Mozart  
"Contrasts for Orchestra" . . . . . Fetler  
Overture on Three Russian Themes . . . . . Balakirev  
Monologue and Death Scene from "Boris Goduhov" . . . . . Moussorgsky  
"Capriccio Espagnole," Op. 34 . . . . . Rimsky-Korsakov

SATURDAY, August 14 -- Jerome Hines

Concerto for Orchestra . . . . . Bartok  
"Largo" from Act 1, "Xerxes" . . . . . Handel  
"The Two Grenadiers" . . . . . Schumann  
Variations on a theme by Haydn, Op. 56A . . . . . Brahms  
Wotan's Farewell & Magic Fire Music, from  
"Die Walkure" . . . . . Wagner

## Miss OU A Statewide Smash



First runner-up in the Miss Michigan contest last week was OU beauty, Sharon Snyder.

Sharon, a Bloomfield Township junior, was crowned Miss Oakland University last spring. At the Muskegon pageant she competed with girls from all over the state -- being rated on charm, poise, intelligence, stage presence and conversational ability as well as beauty and talent.

She wowed the Pageant audience and captured the talent trophy and scholarship with an original classical ballet performance. Eighteen years of dance training was behind her interpretation of music from "Flower Drum Song."

Miss Michigan is Esther Lynn Smith, reigning Miss Western Michigan University.

### Percussion Concert

## M'Brook Hits It Big!

Chinese temple blocks, tomtoms, cymbals, snare drums, gongs, triangles and 14 other percussion instruments will bang out an unusual variety of sounds August 10 as Robert Pangborn, principal Detroit percussionist and four M Brook students present a concert for percussion instruments.

Lyle Velte, Elizabeth Kutlov, Lewis Julian and David Mielke will perform at 4 p.m. in the free concert in the little theatre.

"We're not going to break any sound barriers," Pangborn remarked, "but the program is somewhat avant garde -- and different."

"Percussion students don't get adequate experience on their instruments with the orchestra," he added, "because the standard repertoire doesn't call for as much percussion as music composed in the twentieth century."

"Presenting a recital of this kind, they get to know their instrument better, they have the opportunity of playing in a chamber music medium and before an audience."

Pangborn's musical versatility extends to constructing his own instruments when traditional ones don't suit the composer.

John Cage, for example, calls for seven woodblocks, "not Chinese." Consequently the three students who will perform Cage's "Amores" will use woodblocks built by their teacher himself.

Also on the program are the first movement of Armand Russell's "Percussion Suite," Michael Colgrass' "Unaccompanied Solo for Snare Drum," the first movement of J. S. Bach's "Concerto in A minor for Violin" transcribed for marimba, and Warren Benson's "Trio for Percussion."

Pangborn will conduct.

Cogito, ergo Cartesius est.