

November 17, 1986

Seeing Beyond Basic Chemistry

"What you do bespeaks what you are."

David Wohlers, assistant professor of chemistry, said he tries to instill that sense of professionalism into his chemistry students.

Wohlers serves as a good role model for his students.

He is blind, and his accomplishments bespeak a determined individual.

Wohlers decided he wanted to pursue chemistry as an undergraduate student at the University of Iowa, Iowa City. As the first blind student to take chemistry, Wohlers relied on graduate assistants to help in his lab work and classmates to read to him. Lab Professor Clyde Frank and the chemistry fraternity, Alpha Chi Sigma, were the support Wohlers needed to earn his bachelor's degree in 1975.

Some professors doubted Wohler's ability to secure employment. He showed up the doubting professors by not only earning a doctoral degree from Kansas State University (Manhattan) in 1982, but also by gaining a teaching position at Northeast in 1984.

"When I was hired, the dean of instruction (Darrell Krueger) asked me why he should hire me over someone else, and my response very quickly was, 'I think I provide as good or better role model than most people in my position do.'"

Wohler's accomplishments are impressive; however, he has the trials and rewards common to any teacher. Like any professor, Wohlers feels a sense of accomplishment when he gets through to a student. "Even one in 100 makes it worthwhile," he said. He said all professors have a bias, and his is blindness.

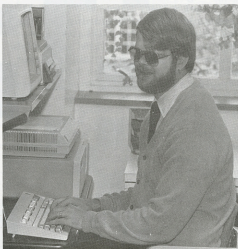
"When I walk into the classroom and I'm blind, you're going to have to live with that. If you don't like my particular style of teaching...most of the time there is someone else to take," Wohlers said. Few students, though, drop his courses.

Senior Elizabeth Kenbiwe has nothing but compliments for Wohlers' teaching.

"I like his pattern of teaching. He makes you read a chapter, and then he gives a quiz on that chapter. When he gives a test on two chapters, you've already read and studied one. He really explains things well then asks if there are any questions," she said.

Wohlers uses transparencies and an overhead projector for lectures, and a graduate assistant helps teach his labs.

Besides teaching, Wohlers was recently named the chairman-elect for the Quincy-



David Wohlers, assistant professor of Chemistry, teaches Chemistry 100, Advanced Qualitative Analysis and two lab sections.

Keokuk section of the American Chemical Society. He will spend a year learning the ropes before becoming chairman. Wohlers will co-chair the Chemistry Olympiad, which invites high school students from around the world to compete in chemistry. His

goals for the ACS, publicity for the society, increased awareness of chemistry in the high schools, promotion by the universities of the study of chemistry and promotion of the image of chemistry in society.

Wohlers is also a member of the Committee for the Handicapped for ACS which monitors the role of society's handicapped in chemistry. The committee reviews old literature for biases against the handicapped, helps promote the teaching and learning of chemistry for the physically handicapped and serves as a national informational source.

"I've been contacted probably a half dozen times here at Northeast by the national office to help students and professors handle the problems of being blind in chemistry," he said.

Wohlers wants to establish a strong undergraduate research program at Northeast. He also wants to develop experiments and curriculum that a blind person can accomplish alone.

"(Students are) . . . a motivating factor for me, and I hope I'm motivating for them in what I represent in terms of accomplishment," he said.

STATE BALLET OF MISSOURI



The State Ballet of Missouri performed workshops, Nov. 12, in Pershing arena.

A Message on AIDS

AIDS.

An estimated 1.5 million Americans carry the virus. Most of them don't know it.

A recent National Academy of Sciences report delivered figures on the devastation of AIDS to the American public. Dr. Richard Keeling brought that message to Northeast. Keeling, the chairman of the American College Health Association's Task Force on AIDS and director of Student Health at the University of Virginia, Charlottesville presented "much needed" information, Nov. 11, in the Alumni Room of the Student Union Building.

"We have to educate the people about this disease. AIDS is an infectious disease. It is not a moral comment," Keeling told a crowd of students, faculty and community guests. Keeling's visit was sponsored by Residence Life.

Detection of the AIDS virus started in the United States about five or six years ago. Since then, 15,000 Americans have reportedly died from AIDS or AIDS-related diseases. Keeling says the birthplace of AIDS is still a mystery.

"We know Americans have exported the disease, but we really don't know

where we imported it from," Keeling said.

According to Keeling, the AIDS virus can be transmitted through sexual activity, the bloodstream and a prenatal route. Homosexuals run the highest risk of transmitting or receiving the virus. Intravenous drug users are also in the high-risk category, while blood transfusion recipients, hemophiliacs and heterosexuals are in the low risk area.

While AIDS was reportedly detected six or seven years ago, the hysteria over AIDS began a only a few years back. Newsweek's 1983 article about the AIDS "epidemic" was the beginning, Keeling said. Since then, the AIDS story has seen the cover of Time, Life and People magazines. Supermarket tabloids have added to the hysteria. The National Enquirer's headline "Cockroaches Carry AIDS," only added to the public's terrified ignorance, said Keeling.

"From all this publicity, many of your parents are afraid you all will come home with AIDS on Christmas break. AIDS cannot be transmitted by casual contact," Keeling told the crowd.

After 38 studies, experts have not found a single case where the virus was transmitted by contact, other than

through sex or intravenous needles.

"I got a call once back in Virginia, where a girl told me the student union phone had AIDS. Another time, a man called me and asked me if he could get AIDS from a salad bar," Keeling said.

Keeling and the National Academy of Sciences want to spend a billion dollars a year to educate the American people about AIDS. Education about the disease is a defense every American needs, said Keeling.

"I think it would do everyone some good to take a trip and see these people [AIDS victims] in their final days," Keeling said.

The current estimated death rate for AIDS is somewhere around 96 percent, according to Keeling. A cure, if possible, is still in the future. While doctors have a drug they believe will prevent the reproduction of the virus that causes AIDS, it does not cure it. At its present level, the AIDS epidemic threatens to overload the nation's health-care system with immense costs and slowly dying patients.

"AIDS is everybody's problem. The people have to know what they can do to try to stop this epidemic," Keeling said.

SAB presents:



'till
tuesday

Friday, Dec. 5.

Time to be announced
Tickets will go on sale, Nov. 19,
from 9:30 a.m. to 3:30 p.m. in the
SAB Office. Tickets are \$5 with an
SAB sticker and \$9 without.

Ten Inducted into Hall of Fame

Ten former NMSU athletes were inducted into the University Athletic Hall of Fame, Nov. 8, in the Georgian Room of the Student Union Building. They join 32 others in the distinguished class who forged the University's athletic tradition. For these athletes, there is no glistening room with pictures and uniforms reminding us of days past. Their Hall of Fame exists in the minds of the coaches, fans and players that watched them play the game. Inducted, Nov. 8, were:

Melvin Loncaric ('55)—an NAIA football All-American in 1954, now residing in St. Louis.

L.E. (Horse) Dabney ('53)—two-time all-MIAA football player in the early 1950s, now living in Edina, Mo.

James Streeter ('29)—an all-conference football player and track champion who won 12 varsity letters in three sports during the 1920s. He died in 1970.

Mike Richardson—four-time all-MIAA football player in the early 1960s, now residing in St. Louis.

Ed Schneider ('65)—an All-American

cross-country and track performer in the early 1960s and now cross-country and track coach at NMSU.

Rich Rhodes—an All-American football player in the early 1960s. He was killed in Vietnam in 1968.

Willard Sims ('54)—two-time all-MIAA basketball player in the early 1950s and now head basketball coach at NMSU.

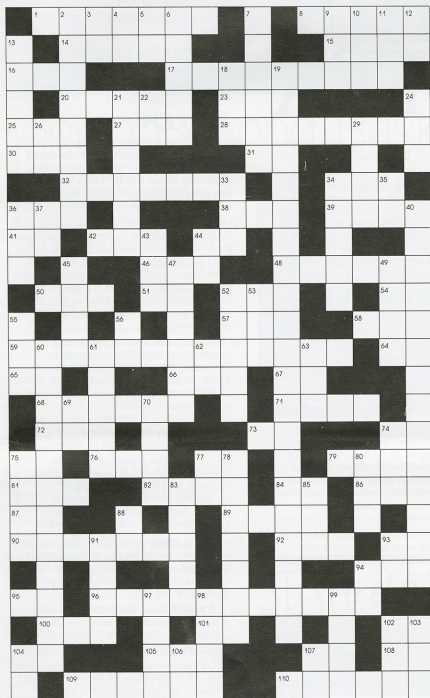
Don Parsons ('57)—two-time all-MIAA basketball player in the mid-50s, now residing in Ottumwa, Iowa.

Dave Grant ('65)—a Williamson Rating All-American football player in the early 1960s, now living in Hampton, Va.

John Shores—a two-time MIAA basketball player in the early 1940s. He was killed on a bombing mission in Europe in 1943.

A seven-man selection committee, including former head football coach and Hall of Fame member Maurice "Red" Wade and head football coach Jack Ball, screened the nominees for the honor. Inductees must have been inactive from collegiate competition for at least 10 years.

STOP! You shouldn't be doing this during a class. We thought we'd break the monotony with a puzzle about Northeast—something to do on the cold winter Kirksville nights. Answers will be in next week's publication.



ACROSS

1. 1980 Missouri administrator of the year
8. former intramural director
14. numerals or candles
15. studying takes a lot of this
16. a fast wagon
17. fine arts, language and literature, among others
20. eight-time visitor to NMSU
23. international telephone company
25. to soak
27. lunch or cigar
28. Barnes review
30. rainbow basin
31. territory of NW Canada, abbrev.
32. university division
34. etiquette says college students don't have to
36. bull-
38. student organization, abbrev.
39. patron saint of Norway

DOWN

41. railroad, abbrev.
42. supports Lyceum Series performances
44. lost 1980 All-Star game, abbrev.
46. NMSU sorority
48. presents public lectures, concerts, etc.
50. high business degree
51. assists professors
52. school money that's always late
54. 16th letter of Greek alphabet
57. Wade's foe in abortion case
58. Roman sun god
59. help for the literary unfit
61. big apple
65. electrical engineering, abbrev.
66. suffix meaning product of
67. directly connected to computer
68. school monies you don't have to pay back
71. type in one size and style

72. major option in communication, abbrev.
73. math class or radio modulation, abbrev.
74. same as 27 across
75. degree in the sciences, abbrev.
76. prefix meaning six
77. football position, abbrev.
79. NMSU coach and weightlifter
81. same as eight across
82. implement
84. NMSU professor and hypnotist, initials
86. opposite of pro
87. same as 19 across
89. bear
90. NMSU founder
92. opposite of even
93. "Let it _____"
94. more, more words
95. Charles' lady
96. Stokes hostesses
100. choice
101. exclamation
102. division, initials
104. nurse
105. black goo
107. arts-degree above bachelor's, abbrev.
108. state prosecutor
109. psychology fraternity
110. person with self-professed authority

DOWN

2. making photos fit a space
3. company, abbrev.
4. assistant professor of philosophy, initials
5. help for alcoholics
6. pointing finger
7. blacksmith
9. prefix meaning ear
10. bulldogs like to do this
11. river in NW Germany
12. familiar region of Missouri, abbrev.
13. _____ country
18. local dry cleaners
19. performed in Baldwin last week
21. peninsula NMSU students will visit next spring
22. same as 2 down
24. single
26. famous corral for gunfighting
29. follow
33. same as 26 across
34. Kansas City Lyric Opera performance
35. dad, slang
36. no alcohol at rush parties
37. either
40. formerly home economics
43. it's out of the bag
44. sodium
45. business communicators, abbrev. backwards
47. zoology professor
49. "Once _____ a midnight, dreary..."
52. Delta Chi, Sigma Sigma Sigma, among others
53. prodigal
55. wonder
56. Bill Cable's office, abbrev.
69. long, long lines
61. to give lessons
62. revolutionary music player, abbrev.
63. popular band, abbrev.
69. SIGM in military science, initials
70. school book
74. opposite 47 across
75. female name
77. KCOM student's goal
78. national honor fraternity
80. standardized test
83. admit, two words
85. urgent/tenantly
88. featured chemistry professor, initials
91. psychology, industrial technology, among others, abbrev.
93. blood pressure, abbrev.
94. favorite class in high school
97. school-related army reserves
98. broadcasting professor, first name
99. Smith, Towne or Krueger
102. "Summit Breaker"
103. like ACT
104. boss of the house, abbrev.
106. building with awnings
107. home of the tigers

17 MONDAY

Liberty Mutual Insurance employment interviews, contact the Career Planning and Placement Center, McKinney Center, for information

10:30 a.m.-2:30 p.m.—**Alpha Kappa Alpha** social service sorority will sell 1986 Playboy Ball tickets, SUB, today through Friday and Dec. 1-5. Advanced tickets are \$2.50 or \$3 at the door.

2:30-5 p.m.—**Senior Test**—German, Spanish and French (BSE)-Health (BS), Testing Services Office, A/H 102.

8 p.m.—**Marilyn Vos Savant** will present "You Forgot Your Parachute," SUB, Georgian Room. Savant has the highest IQ (more than 200) in the world. Admission is \$1 or free with an SAB sticker.

18 TUESDAY

United Telecom employment interviews, contact the Career Planning and Placement Center, McKinney Center, for information

8 a.m.-5:30 p.m.—**Echo** yearbook individual picture retakes, SUB, third floor. Students who missed the first time or desire another picture are welcome.

11 a.m.-4 p.m.—**Red Cross Blood Drive**, sponsored by Cardinal Key and Blue Key, SUB, Activities Room. Drive runs today through Thursday.

12:30 p.m.—**Dr. Victor Dropkin**, University of Missouri-Columbia, will speak on "Science and Society," Baldwin Hall Little Theater.

7 p.m.—**Summer Trip to France** and Spain informational meeting, A/H 302. Applications are due. First down payment is due by Dec. 3.

7:30 p.m.—**Phi Alpha Theta** international honor society in history open meeting, A/H 208. Charles Holcombe, who holds a doctorate in history with an emphasis in pre-modern China, will speak.

8 p.m.—**Gregory Richter**, assistant professor of foreign language, speaks on "Travel and Conversations in Moscow." Community Federal Meeting Room, 315 S. Franklin. Richter will present a lecture and slideshow and perform Russian folk songs. Sponsored by the Fellowship of Reconciliation.

Fresh Start, a quit-smoking program of the American Cancer Society, sponsored by the Student Nurses' Association, SUB 6. The first of four meetings to offer support and information to individuals who wish to quit smoking.

19 WEDNESDAY

Pizza Hut, Inc. employment interviews, contact the Career Planning and Placement Center, McKinney Center, for information

3:30-4:30 p.m.—**Retirement Reception** honoring Kathleen Bohon Strickler, director of Career Planning and Placements, SUB, Alumni Room. Faculty, staff and students are invited.

THIS WEEK

7 p.m.—**Amnesty International** group meeting, SUB 6. Everyone is welcome.

8 p.m.—**"The Mikado,"** an opera by Gilbert and Sullivan, Wednesday through Friday, Baldwin Auditorium. A joint production by University Players and the music department. Admission is free for students with a valid NMSU ID and \$2 for other students. Adult admission is \$3. Advanced tickets are available at the SAB Office, Student Union Building, beginning today.

20 THURSDAY

Walsworth Publishing Co., Inc. employment interviews, contact the Career Planning and Placement Center, McKinney Center, for information

10:30 a.m.-4:20 p.m.—**The German Club** will sell Advent Calendars, today, Friday and Nov. 24, A/H lobby. The calendars are filled with ornament-shaped chocolate pieces and show holiday scenes. Cost is \$1. Proceeds go to the German Club scholarship.

3 p.m.—**Delta Sigma Pi** international professional business fraternity career day, Violette Hall 121. A panel of accountants will speak about the opportunities accounting can offer. All accounting majors are encouraged to attend.

8 p.m.—midnight—**Sock-Hop Dance**, Kirk Gym, including a 50s personality contest with prizes. Admission is 75 cents per person or \$1 per couple.

21 FRIDAY

Garrett Evangelical Theological Seminary, Evanston, Ill., information interview for Methodist affiliation seminary. Contact the Career Planning and Placement Center, McKinney Center, for information.

8 a.m.—**General Education Development Test**, A/H 103

7:30 p.m.—**Men's Basketball** vs. Eureka College (Ill.), Pershing Arena

22 SATURDAY

9 a.m.—**"From Here to There in Underwear,"** Men from Sigma Tau Gamma social fraternity will walk from Lancaster to Kirksville in their boxer shorts. Walk begins at Beeler Motors parking lot in Lancaster and ends at the Sigma Tau Gamma house, 1001 S. Davis. Pagliai's will also donate \$1 for every pizza sold, today through Friday. All proceeds, from both drives, will be donated to United Cerebral Palsy.

7 and 9:15 p.m.—**"Iron Eagle,"** an SAB movie. Admission is \$1.50 or free with an SAB sticker.

7:30 p.m.—**Men's Basketball** vs. Peru State College, Pershing Arena

23 SUNDAY

8 p.m.—**NMSU Live**, SUB, Georgian Room. Campus entertainment in a nightclub setting. Admission is free.

NOTES

Due to the Thanksgiving holiday, the Northeast Today entry deadline for the Dec. 1 issue is 5 p.m., Nov. 24. Deadlines for following issues will be 5 p.m. the Wednesday prior to Monday's Issue. Forms are available in Public Relations Office, A/H 202.

All Students who intend to obtain K-8 or K-12 teacher certification in German should register to take LL 339 (German Culture) during the 1987 spring semester. The course will meet from 1:30-2:20 p.m., Monday, Wednesday and Friday. The class is required for teacher certification in German. The course will not be offered again for at least two to three years.

An Informational Meeting concerning the summer study and travel program in Konstanz, West Germany, will be held at 7 p.m., Nov. 25, in Baldwin Hall 265. Scholarships for the program will be discussed and material distributed.

Introduction to Language and Literature Study (LL 133) will be offered next semester. Students desiring an introduction to Spanish, French, Latin, German, Russian, Chinese, Japanese and other languages taught at NMSU are encouraged to pre-register. For further information, contact Gregory Richter, assistant professor of foreign languages, A/H 321, 785-4500.

The Writing Center is accepting applications for student tutors for the spring semester. Interested students should visit the Writing Center, A/H 303, to fill out an application. Deadline is Dec. 1.

An Art Exhibit from the NMSU permanent collection is on display in Pickler Memorial Library.

The Career Planning and Placement Center will critique resumes from 2:30-5 p.m., Tuesdays and Wednesdays, in McKinney Center. A resume or information for a resume should be brought to the appointments.

The Chinese Magic Revue, sponsored by SAB, will perform at 8 p.m., Nov. 25, in Baldwin Auditorium. Free tickets are available in the SAB Office, SUB.

Committee on Student Concerns, sponsored by the Student Senate, was established to listen to student concerns about college life. All concerns are confidential. The committee evaluates the concerns and makes suggestions on the appropriate form of action. Forms are available in the Student Senate Office, SUB second floor. For more information, contact the Student Senate Office, 785-4193.