In the Middle Again

TED WILLIAMS, BASEBALL'S CELEBRATED bad boy, is in the thick of another red-hot controversy. Thumping Teddy has been a problem child ever since joining the gilt-edged Boston Red Sox in 1939. He has time and again incurred the ill will of baseball writers and the paying public. Now the fad among writers from coast to coast is to debate upon just why Williams should or should not be peddled by the Bosox.

The majority of sportswriters, none too happy with Ted's actions toward the press, seem to favor seeing him in new surroundingsand, strangely enough, the Boston penmasters have been known to

lead the fight against Teddy. According to most reports, it all boils down to the fact that Williams is too temperamental, not a team player, not a hustler, and doesn't give a damn for the fans, his teammates, or anyone else

except Mr. W. But let's examine a few facts.

Always a Problem Child

TEMPERAMENTAL TED HAS ALWAYS been a problem child country-club style of playing and for the Bosox. Ever since the Splendid Splinter first joined the came through the six singles Beantowners he has been the center of an almost-continual con- matches with three wins. troversy. By 1940, his first full year in the majors, Ted was predicting that he'd win the American League batting and home run doubles play saved the day, howchampionship by the end of the following season. He did-and batted | ever, when the No. 1 and No. 2 a cool .406 in the process.

It was along about that time, too, that Teddy was causing Joe trouble, giving the Carolinians will take the mound against the Cronin, then manager and now general manager of the Bosox, no the necessary points for their Demon Deacons this afternoon, end of worry. It seems that Williams had an inborn desire to be a 10th victory in 12 outings. fireman and was threatening to quit baseball in order to follow up his boyhood ambition.

Last year, you will remember, Williams departed from his usual verbal battle with the bleacherites in Fenway Park and took to the sign language method of communication. After a couple of parficularly bad days, the fans hissed and booed at the big boy and he promptly lifed one thumb to his nose and waved a none-tooamiable greeting.

As one might guess, the conservative Bostonians didn't take too well to that little gesture and the Beantown newspapers frequently printed blasts from citizens in the letters to the ed columns. It seems the good Boston folk didn't want their baseball-loving-youngsters coming home from the ball park with their thumbs to their nose. Also, they weren't too well pleased with the slightly colored language used by Williams in his frequent retorts to the bleacherites.

Not a Team Player

THOSE, OF COURSE, ARE only a couple of examples of the everyday actions of one of the most talented hitters and most controversial figures in the long history of baseball. Boston press- dropped a tight 7-5, 7-5 contest hounds insist that Williams' return to the lineup during the latter to his opponent. part of the 1950 season cheated the Bosox out of that long-awaited pennant. They point to the fact that the Red Hose played only mediocre ball after Terrible Ted returned to the lineup, whereas local netters have won by a marthey had played the most outstanding ball of the season during his

They say he wrecks team morale and keeps his mates on edge with his unpredictable actions. Nobody, they contend, can play a under the pressure of another stand now and expect to have John Moore, 6-4 and 6-3. decent game with Williams popping off at the nearest bystander, close contest. His actions in the locker room are reported to rival those of an aged-in-the-wood bo'sun's mate.

I, for one, will go along with Williams in that those long Grapefruit League seasons probably hurt the teams as much as they help them, but there is no need for Ted as an individual to blast the idea as long as everybody else has to play just as long and probably a little harder than he does-and without nearly so much fuss.

If there is one good thing that can be said about Williams, aside from his fabulous hitting ability, it is the fact that he loves kids almost as much as he hates sportswriters. Never as much a favorite with the youngsters as the Yankee's inimitable Joe Dimaggio, Williams will, nevertheless, go out of his way to do something for a kid. He visits children's hospitals and gives baseballs and auto- Carolina baseball team is Chal- Anyone interested in applying graphs to any number of youngsters, shunning public approval of his unselfish actions at all times.

Being a little too far removed from the scene of the big league innings. Port is also a football dium Fieldhouse any day after baseball wars, I am hardly in a position to take sides in the raging player. Williams controversy, but it does seem as if the Sox could lose pennants without him just as easily as they do with him-and his \$100,000 salary.

Duke In First Place In SC Baseball Race

Duke's surprising and impres-had given up only six hits. First sive 8-0 win over defending baseman Billy Werber was the champion Wake Forest put the Blue Devils big offensive gun, Blue Devils in first place in the getting two singles and a 415-foot conference baseball standings and homer.

Clemson became the second Wednesday-Duke at State. Satplace team by whipping David- urday-Carolina at State. son, 12-5. Wake Forest and Fur- | Conference Baseball Standings: man are tied for third and fourth Southern Duke

with 2-1 records. Sophomore Joe Lewis of Duke Wake Forest marked - up his third victory of N C State the year over the Deacons by let-ting Wake Forest down on five N Carolina hits. In two previous starts he Davidson

marks them as the team to beat Big Four Games this week: Today-Wake Forest at Carolina.

.667 .677 .333 .250



CARTOON - NEWS

Strictly Ad Lib Tar Heel Netmen Edge Out Dartmouth, 5-4

Carolinians' **Doubles Play** Saves Match

By Harvey Ritch

A sluggish Carolina tennis team, tired from playing six straight matches last week, barely managed to squeak by visiting Dartmouth College here yesterday afternoon in a dull match despite the 5-4 score.

Dartmouth, 9-0 losers to Duke last week, surprised the fastpaced locals with their poop-ball

Carolina's mastery of the teams took matches without

Sylvia Cops

6-2 win over Dartmouth's Ketter- State. ace momentarily with his friend- game will probably be Bill doubled Carl Wyles across in the event in 63 seconds flat. ly game. The visitors copped the Reeves, slugging gardener, who is sixth for the winning talley. next two singles when Bob Lux- presently pacing the locals at enberg and Heath Alexander the plate with a batting average dropped their matches after three somewhere in the vicinity of an

Down the line No. 4 man Bill Izlar ran into trouble but finally emerged with a close 7-5, 7-5 win over Dartmouth's Dey. Charlie Lambeth had it easier in his No. 5 singles match, winning 6-1, 6-3, but the visitors made it 3-all in singles play when Johnny Booker

Play Today

It was the fourth match the gin of one point and today's re- are putting up a big kick. turn match with Dartmouth places Coach Kenfield's charges are slightly overworked as things games, but lost to Carolina's tance in 3:38.8, shaving sevens

After today's match with Dartmouth the Carolina netters will men gridders turn out for var- second engagement of a 16- 7:50.1, a record as the event had have a two-day rest until Friday sity competition. when Eastern Carolina Teachers | According to Head Managers College meets the Tar Heels here. Charlie Behrens and Doug Berg-Thursday's scheduled match with er, "We need help badly." In Wake Forest has been cancelled, short, the managers are issuing a The Deacons failed to form a net last-ditch plea for help. It's a team this year.

PITCHING ACE

The leading pitcher for the trips with the team.

Baseball Team To Play Track Team Thomas Wins Medley Wake Forest Here Today Takes Three

Carolina's hot and cold baseball team will seek its first win in Big Four play this afternoon when it tackles defending champion Wake Forest in a 4 o'clock game at Emerson Field.

The Deacons are currently tied with N. C. State for the second and an individual first Saturday the National AAU swimming points that placed the Tar Heels spot in Big Four play while the Tar Heels are bringing up the rear. Wake and State each hold a win and a loss while the Tar Heels dropped their only Big Four start, * a 4-3 decision to State here Sat-

Baby Netters

Win As Nine

team defeated Raleigh High

State used three pitchers, Car-

The frosh netters had an easy

Jimmy McCulloch respectively.

was on the mound.

Takes Loss

in Raleigh.

Again Saturday it was the same old story of the ninth inning jinx which wrecked the Tar Heels in their second Rollins game and in the home opener with Virginia. Against State, the locals held a 3-2 lead going into the ninth when the Pack pushed across a pair of runs for the victory.

Coaches Bunn Hearn and Walt Rabb have not announced who but it is expected to be Co-Captain Bill McGinn whose most re-

outstanding .350.

Managers Ask For Helpers

Coach Carl Snavely finds his football team with pretty much to whitewash Lee Person and the old mark of 43.2, and George depth these days with some 65 candidates out for spring prac-

good opportunity to get a firsthand view of the games next fall and to make the football

mers Port who has hit no batters, for one of the manager's positions and has no wild pitches in 181/2 should report to the Kenan Sta-3 p.m.

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First Places

down the line placed the Tar in the 150 yard backstroke. Heels among the leaders which included Duke, Yale, Princeton, and Maryland.

Frank Scott, Clarence McLain, the second best time in the his-Gene Brigham, and Dave Willis tory of the meet-only the world's for the last time. sped to victory in 1:30.3. Scott record surpasses it. The time was put the Tar Heels out front on also a pool record at Ohio State. the first leg and Willis increased the margin on the anchor leg, Carolina's freshman tennis beating second-place Princeton by several steps.

School here Saturday, 9-0, while the Tar Baby baseballers dropped been kept out of competition betheir opener to N. C. State, 4-3, cause of a pulled muscle, made up a six foot deficit in the 440-yard Pitcher Don Lee Marby went shuttle hurdle relay and nipped In singles play, No. 1 man Del cent contribution of note was a all the way for the Tar Babies, Jack Gayle of VPI to win for Sylvia came through with a 6-4, 7-6 relief win over Michigan giving up a total of eight hits. Carolina. The team, composed of State's Johnny Yvars, brother of Bill Cornell, Bobby Bell, Romas ing who baffled the Tar Heel Carolina's big gunner in today's the New York Giant's Sal Yvars, White, and Fitzgibbons, ran the

Dave Willis was Carolina's individual champion, winning the open 100-yard dash in 10.1. He ter, Johnson, and Crotts in hold- whipped Goodpasture of Daviding Carolina down to four hits. son by a step, with Ashwell of Carolina scored all its runs in Virginia, and Schoonmaker of the sixth inning when Johnson Duke close behind.

There were five records set in the meet four in the varsity time topping the high-schoolers, competition and one in the freshwinning all their matches in man division. Princeton lowered straight sets. Carolina's Malcolm the distance medley mark from Clark and Bitsy Seabrook each 10:27.8 to 10:26.9, Duke ran the 440-relay in 42.4 as compared to won two consecutive love sets Appel of Yale pole vaulted 13 feet, 5 ¼ inches to break the The best opposition for the Tar old record of 13 feet, 3% inches.

Babies was furnished by Ed Piz- The Maryland freshman sprint Seems the Tar Heel handymen er who won a total of seven medley relay team ran the diseights of a second off the old even more chores when fall prac- The basebill yearlings play mark. The Maryland two mile retices open and a batch of fresh- Wake Forest there today for the lay team won the varsity event in not been held before.

Captain Jimmy Thomas scored | backstroke for the first time and

Carolina won two relay firsts lumbus, Ohio, Friday night in Carolina the remainder of its 10 in the Carolina Relays held at meet. Thomas won the 300-yard seventh in the meet, Fetzer Field. The good showing indivual medley and took fourth

The Tar Heel ace finished ahead of the field in the individ- brilliant career for Thomas as a The 880-yard relay team of ual medley with a time of 3:24.2,

Thomas was swimming the



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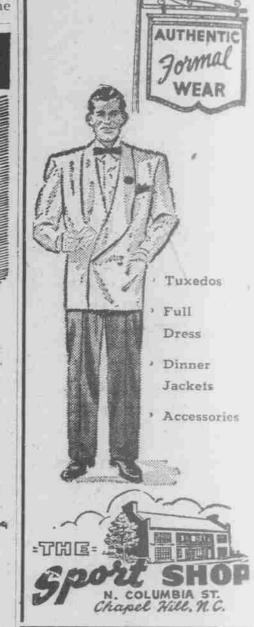
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all 10 points for Carolina at Co- his fourth in that event gave

No other Carolina swimmers were able to garner any points

The meet marked the end of a collegiate swimmer here at Carolina as he represented the school



THE DU PONT DIGEST

The Brains Behind the "Electric Brains"

How Du Pont Research engineers apply electronics to chemical manufacture

When you hear that a scientist works for a chemical company, it's natural to assume he is a chemist. Oddly enough, the Du Pont Company employs about as many engineers as chemists for normal technical work. Many are chemical engineers. But when it comes to basic research on instrumentation—a very important activity-both chemists and chemical engineers are in the minority.

This fundamental work is largely carried out in a laboratory of the Engineering Department, where electrical engineers, physicists and other scientists are deeply involved in electronics studies. They have some amazing devices to their credit-devices for monitoring industrial operations continuously and automatically.

Some of their ideas are spurred by a need in an existing plant. But the design of a new one may also lean heavily on novel instruments. Take, for instance, a new Du Pont plant that uses cyanides. Of course, these compounds are very poisonous. So



J. Packard Laird, B.S. in M.E., Princeton 1942, operates Dielectric Yarn Gage in order to determine small changes in the denier of

when the plant was being designed, · engineers were aware of the importance of detecting accidental contamination of the cooling water. In fact, the whole question of getting into production hinged on the problem of dealing with plant effluents.

Chemical-electronic watchdog Once the only way to detect a fraction of a part per million of cyanide



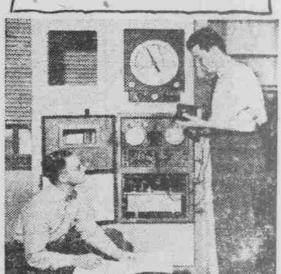
Fred R. Studer (left), B. Met. E., Rensselaer Polytechnic Institute 1950, examines a Pressure Strain Recorder with Allen R. Furbech, E.E., Princeton 1939.

was to raise fish in water containing plant effluents. But this required a staff of experts to check constantly on the health of the fish. It was too slow and inaccurate. So the engineers developed a "chemical-electronic watchdog." Twenty-four hours a day, it automatically analyzes for cyanide to one part per million. If an excessive amount is present, it rings an alarm bell. Periodically, the machine pumps cyanide through itself to be sure it is registering. All the plant men have to do is take readings occasionally and fill the tanks with reagents once a week.

This is just one of many electronic devices developed by Du Pont research engineers. Others-ranging

DID YOU KNOW . . .

While Du Pont is the largest manufacturer of diversified chemicals in the U.S., its share of the total chemical business is only about seven per cent. It has one to fifteen major competitors for all its major product lines.



Columbia 1942, and Gregory L. Lawrenon, Ph.D. in M.E., Columbia 1949, test an Infrared Gas Analyzer which may be used to continuously analyze and control any infrared absorbing gas in a Mixture.

from ultraviolet gas analyzers and multivariable recorders to nylon denier gages-play a vital part in improving production methods. Many of them not only "observe" continuously, but automatically correct anything that goes wrong.

Research engineers at work

The term "research engineer," by the way, is a loose one. It may refer to an electronics engineer working on a new photo-multiplier circuitor a physicist using his optics and spectrophotometry in designing a color-matching instrument. It may cover the activities of a physical chemist developing a continuous turbidimetric analysis-or a mechanical engineer evaluating a pneumatic servomechanism.

For the versatile young scientist, instrumentation research offers a fine opportunity to turn his talents into faster, better and safer production in the chemical industry.



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