

Rose-Hulman Institute of Technology

Rose-Hulman Scholar

Institute Inklings

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INSTITUTE INKLINGS

VOLUME 2—NUMBER 11 ROSE POLYTECHNIC INSTITUTE TERRE HAUTE, INDIANA FEBRUARY 10, 1967

German Engineers Enroll At Rose

TERRE HAUTE, Ind. (Special)—Two young German engineers have enrolled at Rose Polytechnic Institute under a work-study program in which they will take courses at Rose for two quarters and then work in American industry for 18 months before returning to their native land.

Dietmar Erling, 26, of Frankenthal and Dieter Stock, 23, of Frankfurt will be studying in the United States under the sponsorship of the Carl Duisberg Society of Germany, whose purpose is to provide opportunities for young people to gain additional training abroad and to understand the working methods, culture and mentality of other nations. Programs are offered in engineering, business and agriculture.

Rose Polytechnic, one of seven American colleges and universities taking part in the engineering work-study program, has accepted 13 of the German students since 1963.

(Continued on Page Four)

EXPANSION PLANNED FOR CAMPUS RADIO STATION

The campus radio station broadcasting out of BSB dormitory has made plans for expansion. Currently, it operates on the AM band heard only in BSB and the FM band heard on the rest of the campus. Under Bill Kirtley, Dave Jones, and Dave Poole—the directors, engineers, and programmers—the radio station is building new equipment to provide better service to the new dormitories. Unfortunately, due to lack of faculty sponsor and constitution cost of such building is not being provided by the school.

Actually the idea of a campus radio station was originated about five years ago. Bill Brown, director of the new Student Union, was one of the originators. Up until now the equipment has not been used. The radio station has currently been operating since Thanksgiving.

—Jim Wong

MANY 1967 SENIORS ACCEPT PLACEMENTS

TERRE HAUTE, Ind. (Special)—Graduation day may be over four months away for the 113 seniors at Rose Polytechnic Institute but more than 75% have already accepted job offers from industry and government agencies or will continue their education as graduate students at universities.

The "open season" for recruiters at Rose began early in October, according to Paul B. Headdy, Director of Admissions and Placement at Rose. Nearly 300 firms contracted to visit the campus during the six-month interview period and many firms have representatives conducting interviews two or three times during the year.

Most seniors will have been interviewed at least 10 times and several have made at least eight expense-paid tours of plants throughout the nation.

Other seniors are still considering a variety of attractive job offers, studying which ones offer the greatest opportunities. By the end of February, most will have made their decisions.

While most graduates will take positions with industries or government agencies and some will enter military service, others have accepted offers to enter graduate programs at universities. Although most of this group will take advanced work in engineering or the physical sciences, some will be entering graduate business, law and medical schools.

Government agencies which have had representatives on the Rose campus this year include the U.S. Army, Strategic Air Command, U.S. Naval Avionics Facility, U.S. Geological Survey, U.S. Naval Ammunition Depot and the U.S. Air Force Aeronautical Systems Division. Four divisions of the National Aeronautics and Space Administration have also sent recruiting teams including the Lewis Research Laboratory, Cleveland; Manned Spacecraft Center, Houston, Tex., and

(Continued on Page Six)

Chemical Engineering Accredited Degree?

Recent campus rumors have hinted that the chemical engineering department is in immediate danger of losing its accredited status. As almost everyone knows such an occurrence would be most embarrassing to the Institute as a whole and nearly fatal to the chemical engineering department in particular. It seems logical, then, for this writer, a true pessimist, to choose to investigate the situation.

Being an excellent source of general information and congeniality, Dean Moench seemed to be the man to ask about this alleged crisis. Dean Moench informed me that the chemical engineering department has been constantly grappling for stability since it was first accredited by the Engineers' Council for Professional Development in the early 1950's. Dean Moench further stated that although the chemical engineering department was not in complete agreement with the accrediting board's requirements,

(Continued on Page Four)

OGLETREE TO SPEAK ON RELIGIOUS ISSUES

As the editor himself commented two weeks ago, "times are a changin'", and this is no less true in the area of religion than in other areas of modern society and thought. The old standards of belief and practice seem to be falling before the onslaught of "secularism"—the denial, in a thoroughly modern world, of the relevance of traditional religious beliefs.

Rose is fortunate to have the opportunity to hear a nationally known commentator on this crisis in religion, Thomas Ogletree. Mr. Ogletree, a professor at Chicago Theological Seminary, will be Convocation speaker on Tuesday, February 14th, at 10:30 A.M., in the auditorium. His topic: "From Anxiety to Responsibility: The

(Continued on Page Five)

INSTITUTE INKLINGS

As editor of the INSTITUTE INKLINGS I have made the following appointments for the Winter Quarter, 1967. Taken into consideration for the appointments were ability, past experience, and above all, desire to work for the betterment of the newspaper.

Editor—Chuck Webb
 Assistant Editor—Stephen Mitchell
 News Staff—Bill Kane, Ed.; Don Spatz, Jim Wong, Eric Dany, Mike Nugent, Jay Nilsson, John Berry and George Shaver.
 Feature Staff—Denny Fritz, Ed.; Roger Evans, Dwight Klippel, John Greve, Jim Tageson and Casey Gaines.
 Sports Staff—Tom Curry, Ed.; Joe Swift, Dave Hohlfeldt, Ken Burkhart and John Lysen.
 Business Staff—Benn Bradburn, Mgr.; Stephen Ricks and Tom Duff.
 Advertising Staff—Wade Scott, Mgr., and Mike Morris.
 Photography Staff—Stephen McLellen, Ed., and Sidney Stone.
 Circulation Staff—David Harshbarger, Mgr.; Jim Houdeshell and Ron Moore.
 Editorial Staff—Denny Fritz, John Elzufon and John Andis.
 Advisors—Mr. Daugherty and Professor Haist.

RAILROAD TIE UPS? BLAH!

Terre Haute is a growing city. It has four major railroads, the Chicago and Eastern Illinois, the Milwaukee Road, the New York Central, and of course our neighbor the Pennsylvania Railroad. Our town is also directly in the paths of two major highways, U.S. 40 and 41. Yes, this is a busy city, but if one of the trains blocks a major highway for any length of time, traffic is tied up for many blocks.

Now, I make no claim as to having been around much and visited many towns, but from the ones I have seen if there happened to be just one major railroad in that town, you were sure to find at least one overpass or underpass at a railroad crossing. I come from a town just a little larger than Terre Haute and we have only one major railroad, the Chesapeake and Ohio, but we have eight (8) overpasses or underpasses to permit constant traffic flow between the north and south side of town.

I cannot understand how Terre Haute ever expects to grow to any size and with any progress unless the railroad—highway situation is relieved by the installation of at least three overpasses. There is a very real possibility that the continuance of the town fathers present attitude can only lead to some foreseeable life and death situation. I'm sure you can see the possibility of an emergency arising in which the emergency vehicles cannot get to the scene or a hospital due to one of the frequent traffic tie ups caused by the many freight and coal trains passing through Terre Haute daily. I am sure there are many readers who know the exasperation of being blocked by a train on the east side of Tenth Street around the hour of 12:45 A.M.

You might now ask what I am trying to prove or say. It is this: The time for some action is now! I think the student body should send the city fathers a petition through representatives of Student Congress to the effect of our concern and the advantageousness to Terre Haute of alleviating this long existent dangerous situation. Let's all work together to show Terre Haute, who sometimes ignores us completely, that we are a strong, unified student body whose economic contributions to the city could not possibly be measured.

BOOKS FOR ALL??

It is now time for the students to ask some questions to the administration and faculty about subjects other than the new construction. This is what I now wish to do. I ask the question to all—Why must students be required to buy books for a class when just a few days after the purchase their particular instructor announces that he is not going to use it? The book still must be bought because the tests are made up by all the instructors of that department. The economic pressures of attending Rose are hard enough to bear without even considering the fact of buying a book that a teacher will not even use in class presentation material. Are there any readers who have purchased a technical book for less than \$7.00? Judging from some of the prices in the bookstore, I think not!

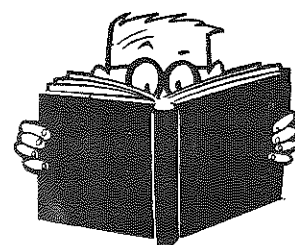
What can be done to correct the present situation? There should be a closer coordination between the individual instructors of a department and the subsequent course material and books to be used. It is time for the administration and faculty to become more aware of our side of the present economic situation.

OGLETREE SPEAKS . . .

(Continued from Page One)

Shifting Task in Theological Reflection."

Widely heralded for his recent book, *The Death of God Controversy*, Mr. Ogletree has contributed a number of articles to various journals and periodicals in recent months, for the most part on the general subject of the Church in the modern world. He has promised to address himself to these questions in terms understandable to students; and while he will make some comments on the "God is Dead" controversy, he will spend most of his time sketching the general situation in contemporary religious thought. Whether you have religious concerns or are merely an innocent bystander, you will do well to hear this young (Ph.D., 1963), vital, and entertaining speaker.



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Jim Gibson

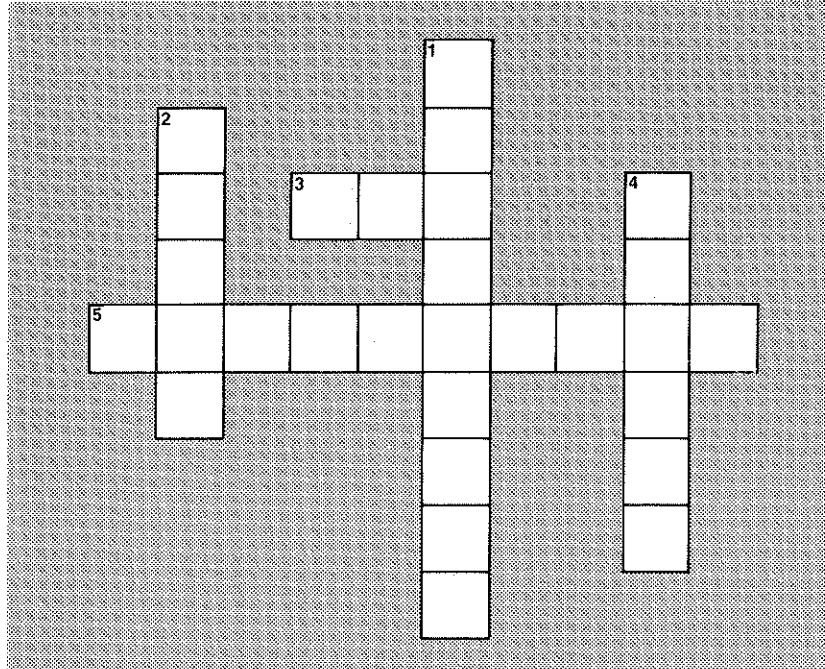
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ANSWERS ON PAGE 5

If you filled in the puzzle correctly, you've probably guessed we're in the business of guiding vehicles. If it floats, crawls, flies or orbits, chances are we're at work on a guidance, navigation or control system for it.

For instance, we're building the guidance/navigation system for Apollo and LM (Lunar Module); we're working on SABRE, the new Self-Aligning Boost and Reentry system for missiles; on the Manned Orbiting Laboratory (MOL); on the Titan III-C Space Booster; and on avionics systems for supersonic and subsonic aircraft of the future.

We're also working on the Ship's Self-Contained Navigation System (SSCNS) for the Navy; a fire-control system for the new Main Battle Tank, a joint U.S.-Federal Republic of Germany program; and advanced digital computer development for other military, space and commercial applications.

You might like to know that we take your career growth seriously here at AC, too. Our Career Acceleration Program includes "in-plant" instruction. There is also a Tuition Refund Plan available for any college-level courses taken to advance your career.

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MARK OF EXCELLENCE

Recent Faculty Changes

Several faculty changes have occurred since the end of last quarter.

In the Humanities Department, two men were lost. Dr. Milton Ballenger resigned at the end of the fall quarter to take the position of President of Carson College in Carson City, Nevada. Dr. William C. Young, formerly school Chaplain as well as an instructor in the Humanities Department, has also left Rose and is now Pastor of a church in Sullivan, Indiana. Joining the Humanities Department was Howard E. Wooden, who is working in a part time capacity. Mr. Wooden is the Director of Swope Art Gallery in Terre Haute.

In the Bioengineering Department, Robert J. Alteveer comes to Rose from Indiana University. He is working with Dr. Arthur with special interest in Bio-intrumentation.

In the fall quarter, Donald F. Flathman resigned as Director of Information Services to take a position of Director of Development at Philadelphia College of Textiles and Science. Mr. Flathman was recently replaced by Stanley Peterson. Mr. Peterson comes from Wisconsin State University in River Falls, Wisconsin, where he was Instructor of Journalism and Alumni Secretary.

INTRAMURAL BASKETBALL WEEK OF JANUARY 31

MAJOR LEAGUE

AXA stayed at the head of the major league basketball race, and unbeaten, by beating second place Speed 55 to 46. Second place Speed suffered another loss, at the hands of ATO, 51 to 38. ATO is tied for the third place spot with Sigma Nu. In other games this week the faculty was downed by TX 65 to 47, and ABCD beat BSB 53 to 40.

	WON	Lost
AXA	7	0
Speed	5	2
ATO	4	2
Sigma Nu	4	2
ABCD	3	3
TX	3	3
Fac.	2	5
BSB	1	6
O.C.	0	6

MINOR LEAGUE BASKETBALL

Speed II stayed at the top of the minor league Basketball race with a very convincing 83 to 34 win over AXA III, and remains unbeaten. Second place BSB won by a forfeit, third place ABCD

I beat AXA II in a close contest 48 to 46, and Speed III, tied with ABCD I for third place, downed ATO 51 to 44. In other games this week Off Campus beat ABCD II 66 to 61, ABCD II downed TX 43 to 37, AXA III won a squeaker 37 to 36 over SPEED I, and Off Campus Won another contest by forfeit.

	WON	Lost
Speed II	7	0
BSB	6	1
ABCD I	5	2
O.C.	4	4
AXA II	3	4
ABCD II	3	3
TX	3	4
Speed I	3	5
ATO	2	4
AXA III	2	5
AXA I	1	4

MAJOR LEAGUE VOLLEYBALL

This weeks action saw the Faculty beat BSB, ATO Beat AXA, and Sigma Nu beat Speed.

CHEMICAL ENGINEERING . . .

(Continued from Page One)

it is probably not in any great danger of being placed on the "black list" of the board. Dean Moench elaborated on the two major complaints of the E.C. P.D. in the past concerning our chemical engineering department. The E.C. P.D. has in the past noted that (1) more space was needed to operate the chemical engineering department correctly, and (2) a larger, more stable faculty was needed. It is anticipated that the new laboratory will make better use of the available space by replacing old, bulky equipment with newer, more compact counterparts thus lessening complaint one. At the same time prospects of faculty stability seem considerably brighter than ever before with Dr. Sam Hite as the new department head, and with the possibility of a fourth faculty member in the near future. This being the case the E.C.P.D.'s second objection also seems to be fading.

According to Dean Moench the accrediting board will take into consideration not only present conditions but also the department's plans for the immediate future. With the ball now rolling, Dean Moench sees the chemical engineering department as prepared to withstand the scrutinizing eye of the E.C.P.D.

Assuming, then, that Dean Moench's optimism can be justified by his years of experience, the future of the chemical engineering department actually looks bright rather than dim. In any event, this spring's visit by the E.C. P.D. will arouse more than normal interest.

— John Andis

GERMAN ENGINEERS . . .

(Continued from Page One)

Erling and Stock will not be working toward a degree. Since arriving in Terre Haute early in January, they have consulted with their adviser in selecting three courses each which will be the most beneficial to them. Erling's main interest is in Electrical Engineering while Stock's courses will be in the field of Mechanical Engineering, management and production methods.

Both of the Germans have expressed an interest in improving their proficiency in English, especially technical terminology.

"U.S. industry has a great influence on that of Germany," Erling said. "As one of our main partners, there is a close connection between Europe and the United States."

To this, Stock added, "Modern German technical development is largely influenced by the United States. Present-day American problems become important later in Germany."

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ROSE PLAYS BEAVERS SATURDAY, FEB. 4

ROSE POLYTECHNIC INSTITUTE

vs.

BLACKBURN COLLEGE

SATURDAY, FEB. 4, 1967

By John Yarish

ROSE POLY	vs.	BLACKBURN	
6-3 Tom Curry	F	Tom Reigel	6-2
6-2 Jim Pettee	F	Chuck Kessler	6-2
6-4 George Shaver	C	Doug Gehrke	6-4
5-9 Dave Yeager	G	Don Weatherford	5-10
6-0 Jerry Wones	G	Rich Robley	6-2
Game time: 8 p.m.			

Leading the Prairie College Conference with a 4-0 (9-4 over-all) record, the Rose Poly Fightin' Engineers go for their third in a row as they take on Blackburn College this Saturday in another key conference game.

This will be the second meeting between the two cage squads this season. Rose outplayed the Beavers, 75-68, last November but "they have improved a lot since our last battle and

are always a good shooting team", in the words of Head Coach John Mutchner.

But the Engineers have improved, too, and are keyed up for this game. Forward Jerry Wones was outstanding in Rose's 83-74 defeat of Berea last Tuesday at Berea, leading the team with twenty points. Center George Shaver pulled in twenty-four rebounds and was helped by freshman guard Don Ings who is getting better with each game.

Rose should have the home-court advantage this week as they return from a three-game road trip for a one night stand before packing up again and traveling to George Williams College next Tuesday, Greenville next Friday and meeting Rockford at home on Saturday, February 11. The Engineers tallied victories against the former two squads earlier in the season.

The Beavers, from Carlinville, Illinois, playing game consists mostly of a 1-3-1 shuffle-type offense and they stand 2-2 on the PCC slate. They also run some zone defense in all their games. Coach Mutchner says, "We will

use the press if we have to. It has been very effective this year and has brought us out of a lot of tight squeezes. We were behind eleven points with six minutes remaining in the first half against Berea, so we put on the press and were in command for the remainder of the game."

Game time is 8 p.m. this Saturday at the Rose Tech Field House.

WANT TO GET INVOLVED?

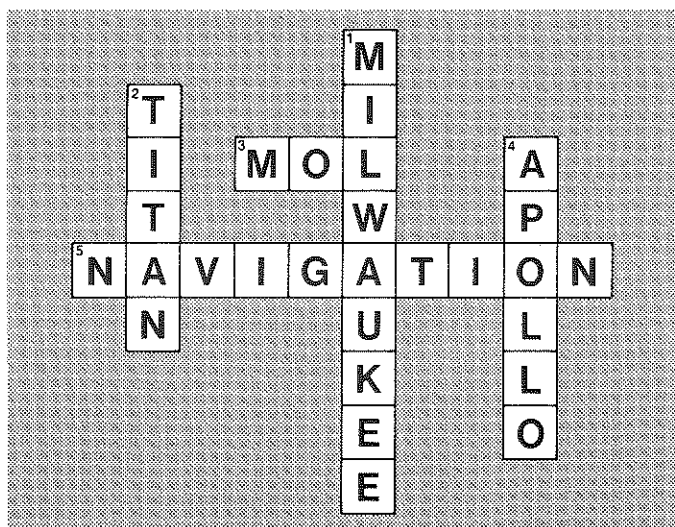
Have you been feeling the pangs of apathy, the pains of inaction? Do you have some concern about social issues but just don't know where to apply yourself? If so, please take note.

The Charles T. Hyte Community Center, a United Fund Agency of Terre Haute, has, for the past two years, been sponsoring a tutoring program for culturally disadvantaged elementary school children. The program has been staffed, for the most part, by I.S.U. students. One Rose faculty member, Prof. Theodore Sakano, participated last quarter and can testify to the worthiness of the project. Students are asked to meet with the children for one hour each week from 3:30-4:30 on a day of their choosing. (The program does not run during vacation periods.) The activities for the hour are left up to the tutor, and run from academic matters to the simple kinds of friendly conversations that these children need so much.

A general meeting for organizational purposes was held this week. For those of you who are interested and did not make that meeting, Rev. David Frye, I.S.U. Campus Minister, will meet with you here at Rose on Tuesday, Feb. 14th, at 5 p.m. in Room 209. If you are at all interested, come to the meeting to find out more about this. There is no obligation.

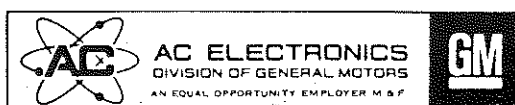
This is an exciting and meaningful experience both for the tutors and for the children, and your help is deeply needed and appreciated.

ANSWERS to the AC Career Anagram on page 3



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SPORTS

SPORTSLIGHT

by Tom Curry

In professional sports, as soon as a player ceases to perform adequately, the front office sells, trades, or sometimes gives the man his "walking papers." So it was with Frank Robinson. The Cincinnati Reds decided that Frank Robinson was "over the hill" after his batting average slipped from a .306 in 1964 to a "miserable" .296 in 1965.

At this time, it so happened that the Baltimore Orioles were looking for another "big stick" to put in their lineup along with Brooks Robinson and Boog Powell. Robby was their man. From opening day to the World Series, the suave thirty-one-year-old outfielder from Beaumont, Texas, fascinated the baseball world. He finished the season batting .316 including 49 home runs and 122 RBI's—leading the A.L. in all three categories. Winning the Triple Crown combined with leading the Orioles to a four game sweep over the Dodgers in the Series made Frank the hands-down winner of the American League's MVP Award. In addition to these awards, Robby was voted the Associated Press Male Athlete of the Year, the Hickok Pro Athlete of the Year Award, the Babe Ruth Award as the best player of the 1966 World Series, and the Come-Back Player of the Year Award.

Indeed this soft-spoken, handsome young man epitomizes all that a pro athlete should be. Truly, this "has-been" still has a bright and glorious future in store for him.

IN REVIEW . . .

January 28: Rose-87 Principia-70

A spirited Rose squad retaliated against Principia for a loss handed to the Engineers earlier in the season and handed the Indians defeat with a wide margin in the score column.

It was the Engineers game all the way as they led by as much as 20 points over the Illinois team. Rose held a 47-41 lead at half time and completely outplayed the Principia men in the final period.

Captain Tom Curry led in the scoring column with 24 points followed by Jerry Wones who added 15 points to the score. Jim Pettee and Dave Yeager each shared 13 points.

The Engineers hit .473 from the field

and .700 from the free throw line. Rose also took 69 rebounds while Principia came up with 26.

— Ken Burkhardt

January 31: Rose-83 Berea-74

The Fightin' Engineers came back from an evenly matched first half to defeat Berea College on the losers court.

Rose was unable to cap on the opposers during the first half of play as they were forced into a full court press. At the end of the half the Engineers led only by one basket.

The second period saw a continued press by the Rose men most of the half as they increased and held on to the lead the entire half. The margin never exceeded 10 points and the victory came for Rose from the freethrow line.

Jerry Wones led the team with 20 points while George Shaver, Dave Yeager, and Don Ings were also in double figures.

	F.G.	F.T.	P.F.	Reb.	Points
Curry, Tom	3	3	3	10	9
Pettee, Jim	1	3	2	11	5
Shaver, George	6	6	3	23	18
Yeager, Dave	5	4		3	14
Wones, Jerry	7	6	2	5	20
McNeely, Perry	3		4	4	6
Ings, Don	5	1	2	1	11
TOTAL	30	23	16	57	83

MANY 1967 SENIORS . . .

(Continued from Page One)
the George C. Marshall Flight Center, Huntsville, Ala.

All types of industry have taken part in the year's program at Rose includ-

ing the largest of the steel, rubber, chemical, automotive and electronics firms as well as small consulting firms.

A growing number of state departments of public works have visited Rose this year. Representatives were sent from not only Indiana and Illinois but also from California, Washington, West Virginia and New York.

With the growing interest in the interrelationship between biology and engineering, several pharmaceutical firms are now recruiting students trained in the Rose Bioengineering program.

Railroads and public utilities, once unable to convince candidates for degrees of the exciting developments in their fields, are again in competition with other industries and are highly competitive not only in salaries and benefits but also in their level of available research projects.

Salaries offered to 1967 graduates average about \$40 a month more than offered men a year ago. The average starting salary of \$686.50 for a Mechanical Engineer has increased to about \$730 this year. A corresponding increase is expected for Chemical, Civil and Electrical Engineers as well as for those with degrees in Chemistry, Mathematics and Physics.

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