

Questions for Dad

What did you do at Gopher aviation?

A typical day working at KOLM radio

Why did you leave KOLM?

I remember being at KOLM when you were on the air

How did you get the job at Mayo Clinic?

Tell me about the old pickup truck we used to build the brown house

How about the VW bugs we had?

Tell me about the swimming pool at the gold house

Tell me about the following people at Mayo Clinic

Ralph Sturm

Don Hegland

Lucy Cronin

Dr. Earl Wood

Tell me about the centrifuge

Tell me about tissue registry in the basement of Medical Sciences

How about the chimps? Donald, Ruth, Lucy are the names I remember.

Tell me what it was like to work on "experiments"

For PeTeK

Questions about work

Typical Day at KOLM

- ① get up at 4:45 AM, get ready, eat, at Station by 5:30-5:40 AM, Turn on all control room stuff, clean & check teletype paper, get news cast ready, pull music, check log & pull commercials, read thru paper commercials, Turn on Transmitter & check meters, set up tape for network taping, hit the air at 6:00 AM. - Due a 4 hour shift, go to get cup of coffee & roll at Harry's place (Ice cream Store downstairs) 20 mins back to work to cut spots, clean & repair control room equipment, home for lunch, out to Transmitter to check ^(A) Back on air at 2:00 PM to 3:00 PM, cut spots if needed - if all equipment is OK - done for the day - This was 5 days a week then I did SAT morning also for 6 AM-10 AM - But not every SAT. ^(A) and clean - if I had transmitter trouble, then straight after off the air,

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I worked 45-50 hrs a week and got paid for 40 hrs - once in a while I only put in 35 or 40 hrs a week.

Why did you leave KORM?

(2) The biggest reason was went to country music and at time I didn't like it and with your kids I was not able to spend much time with you guys ^{and} ^{Mayo} called me so I thought it was a good time to move - I had applied to Mayo a few years before - it turned out it was the right move, however I never had any job I liked as much as radio, it was great.

How did you get the job at Mayo?

(3) When I got a call it was for Dr. Woods Dept and it was for a job of electronics tech to build stuff and maintain the 2 tape recorders and other Electronic gear - I told him I wasn't interested in that job - after I got out of Brownie and after radio (KMH; Marshall) I knew I was out of my element - I'm a mechanical type - However Dr Woods

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^{Where}
[5.3] in the machine shop in a
hangar at Lobb Field - by the
corn cob water tower. Then
I got into bad Back problems, from
the car smash, and my Dr's
told I had to change type of work
So I talked to a radio friend from
Chatfield High School about Radio
work, he was in it, and that seemed
a good fit that I should work - Sit
Stand, Sit, Walk, Sit - ect.

Questions about Home

① ^{Old Prody Truck} that was a 1955 3/4 ton ^{Gen.} beat to
the Hills but it ran and was
cheap - That was the truck that a
Tree, I was getting down, fell on
it with momentum - it did not
follow instructions

② ^{VW Buss} we had 2 Buss - one at the yellow
house on 9th ave St and one at the
house in the woods - Both Buss had
a lot of miles on them so the 1st
one at the yellow house was more

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out - I don't remember either of them being yellow, but they were fun to drive - also cheap but cold in the winter - I do not remember the year of either, but I do know that they were several years old when we got them. Bob Rosedale did paint cars and fixed them up but only Chev Corvairs

Swimming Pool

- ③ we bought that house I think about 1964 or 1965 and lived there 7 years till 1974 and we had the pool about 3-4 years during that time, I'm not sure of the exact years. It was from Sears - everything we got in those days came from Sears.

~~Ralph~~ People at Mayo

- ④ Ralph Sturm was one of a kind, very very intelligent but somewhat of a nut - his schooling after high school was a 4 year program - I don't remember where - but a couple of days before they handed out diplomas he said he got what he came for, didn't need a piece of paper and left. He was

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a barn storming pilot in the 1920's and he flew mail for the USPS - he lived many places across the US in his life time and he invented the TV image orth tube, he also did all the work up for the DSR the first hi speed Scanner in the world - he liked to sit and tell stories, about Barn Storming, drink coffee and smoke rather than work. Dr Wood could not get him to do his work on paper rather he did it on a huge Black Board then when he had it in his head he would erase it. Every body liked Ralph he always had a smile, one story he told that by accident here in Rochester - he chopped down a small ledge with a snow blower.

Don Hegland is one of a kind - born + raised in NW Minnesota (Foston) went to High School in Bemidji then came to Rochester for work - his older sister was here so she got him down here. He applied at Mayo and Dr. Wood

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hired him as a recording Tech & Heggi became what is thought to be the best in world. Many Docs from all over the world were amazed at him - never seen anything like it. He is a Norwegian 100% - short and full of fun. He could look at a heart tracing in his recording room on 1st floor and tell the Docs on 4th floor labs where the cath was in the heart, even E.H. would take his word for it. Everybody liked him and he was always there if you needed help with something, but he is not very handy at repair work. He is my best friend!

Lucy Cronin never married but lived on a farm on Gg #9 with her brother and a sister. She had another sister that was a sister (nun) but did not live with Lucy. She was the Doc when I got there after a few years. She retired and I took her place. She was a very private person so we didn't know much about her.

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A went out to the farm once with Peggy and she made coffee on their stove - an old wood burning stove - It was so strong our teeth hurt after drinking it. We never let her make coffee at work after that. However she was a good boss and would help you any way she could if you needed it. She knew all the Tech's and she knew ^{it} they all did their job so you never heard much from her but he was hell on wheels with all the fellows we had, E.H. did not have to climb on them for anything. She did it all. Most of them did not care for her, but she & E.H. got results. Dr. Wood was the best of the best - everyone in the Research world knew him all over the globe and when E.H. talked, you better listen because 99.5% he knew what he was talking about. His "Crew" as he put it, meant more than anything he had done in this world. The "Crew" was his

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Family. In his speeches about his research he always thanked and praised his "crew". All the crew, except for me, gave everything they had in return. It was great. His youngest son Andy Wood is writing a book about his dad on everyday life. It should be a good book. E.H. demanded a lot from his "crew" and he got a lot from them. He only got tough with me once when we were getting ready to move the DSR into med Sci and he looked at the hole in the wall and then at the machine then turned to me and said "That Dammed thing better fit or your fired" it fit - I had $\frac{3}{8}$ " clearance. When it was in he came and thanked me for all my hard work of getting the remodeling done and the move complete.

Centrifuge

5) S.C. The Centrifuge was built in 1941 just after Pearl Harbor. The design

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was Done By Dr. E. J. Baldas and built by mayo people - it was all gas welded to give it stronger joints. The drive wheels (2) were from a mill that ran them upright, for us they were keyed together and ran laying flat - keyed together on a 12" solid steel shaft powered by an large electric motor. The carriage was about 8 ± 10 ft wide and about 20 sum feet long all made of of black Iron pipe. The original cockpit was for humans later was rebuilt for chimps. It was rated to go up to 11 g's but was never run over $9 \frac{1}{2}$ g's. It would go from 0 g's to $9 \frac{1}{2}$ g's in one and a half revolutions - Very fast. I rode it 3 times, from an aircraft cockpit seat located about 2' to 3 ft off center, for a study. I regulated the Oxygen flow for a chimp beauss of an equipment problem. Even at that point it was quite a ride. It was removed in 1974 or 1975.

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Tissue Registry

[5.D] I did not have anything to do with Tissue Registry, all I know is that there was over half of the basement (2 floors below street level) and about half of the subway level and about a $\frac{1}{4}$ of 1st floor. They used Red Wing crock jars to store all the parts in. The jars had formaldehyde in them.

[5.E] The ^{chimps} owned by the navy and rode rocket sleds until we got them. I don't remember when they came to us. There were six of them and they were ~~Hege~~ ^{Hege} when they were asleep it ^{was} $\frac{1}{4}$ of us to lift them into there cast that they rode in. Dr. Zollman was always in charge of putting those guys to sleep, then it is our job to keep them to sleep. One time at the end of a study one of them woke up in the elevator and we didn't have any juice for him - that was quite an experience - but it came out OK. the longest study we ever had was 33 hours no breaks. We lost "Ruth" because

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of a hemorrhage she developed and we could not get it under control, she never woke up. Other wise they were all healthy and doing great when they returned to the navy.

We had Ronald, Dudley, Ruth, Lucy, Lillian, and I called Hege but neither of us can think of the last names.

(6) ^{Experiments} I would end up writing a book if I told all the details. So instead I'll give you the short version.

Started in 4-56 (one of our labs) - put the animal to sleep - did all the cardio cath's - breathing tube ext. Then into a study cast and strapped down - lines flushed - move to Centrifuge (1st FL) - flushed lines and secured into the cockpit - hooked up Oxygen - checked all the electronics for the recordings such as video tape and trace (paper records) recordings - Start wheels turning - Then follow the protocol that was written for that study. When done Subject was taken back to 4th FL (4-56) - cath's removed

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everything Sewed up and bandaged -
Subject back in its cage with a
Mat to lay on and water to
Drink. When awake & everything
is OK back to his penthouse.

Studies lasted, depended on
the protocol, from 7-8 hours to
the longest was 33 hours with
no breaks. we ate on the fly & given time to go
to the Bathroom

as for The Fallout Shelter I am
not remember who that was
or where - but I do know
we did that.

P. 5. Question 3 (work) after I started at mayo
Howard Bill asked me to come back for 2 hrs
(7-9 PM) on FM (KWWK) Mon-Fri - I did that
for a little over a year. Show called "music
from Don's Den" all Big Band stuff