

MY SCHOOLING
by Alvin H. Larsen

In May 1945 I came down with scarlet fever and was thus unable to attend kindergarten when it opened in June. I attended it at Sherman School for only about two weeks before it was over. My teacher was Mrs. Ruth Nelson, a fine lady approaching middle age. She was also my first grade teacher.

I have only two recollections of kindergarten. One is that we took blankets to school each day to lie on for our afternoon nap. The other is far more vivid. There was a slide on the school playground which the children played on and had a lot of fun sliding down. Since I was somewhat shy and inhibited, even at that early age, and since I had missed the early part of kindergarten, I was somewhat inclined to stand around on the sidelines, watching the other children play, rather than join them. Perhaps I was afraid of that high slide, since I have been afraid of high places as long as I can remember. My teacher came over to me and invited me to join the other children on the slide, but I wouldn't do it. She coaxed me and nearly forced me to participate, at which I withdrew even further. It took a few days for me to overcome the anxiety of this situation, but before kindergarten was over, I was having as much fun as anyone there.

My first grade began in September 1945 at Sherman School, with the same teacher I had in kindergarten, Mrs. Ruth Nelson. I remember little of that class. Our room was large and modern, equipped with long tables around which the students sat to do their schoolwork. The only direct recollection I have of that class is that one day when we were

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drawing some pictures with crayons, I had used a crayon all the way down to the paper wrapping and it made a shrill squeaking sound on the paper as I tried to get more color out of it. My teacher called my attention to it and told me to take off some of the paper from the end of the crayon with my fingernail, so I did. This incident may seem very trivial, but it is the only one I remember in all of my first grade work, from September to May. I missed 21 of 176 school days in the first grade. On my report card, I received the comment, "Alvin is a very good student."

In the second grade, we had a different kind of classroom, the kind with the old fashioned desks behind each other. Entering the second grade in September 1946, my teacher was Mrs. Smith, and I do not know her first name. I do remember that she was of medium build, middle age, and had dark hair. As with the first grade, I remember only one incident in all of my second grade. One day everyone in the room had to take off their shoes for some reason or other (I don't remember why). When we put them back on again, several of the boys in the class, myself included, sat in on desk and put each foot on the seat of the desk across the aisle in order to lace up the shoe. We were severely scolded for doing this and the principal came in to our class and talked to us. We were held after school for a half-hour or so, for this to be done. I missed 11 of 174 school days. Mrs. Smith commented, "Alvin is a good pupil."

My third grade teacher was Mrs. Clara Peterson, also at Sherman School. I remember crying on the first day of school, because I wasn't in the same class as one of my friends. However, I adjusted with some difficulty, and came to enjoy it very much. I remember that in the third grade I was the best speller in the class. I won a spelling bee

of all the third grade students in the school. My teacher told me that I could spell on the upper fourth and fifth grade levels. We learned to square-dance in the third grade. I missed 8 of 178 school days.

In September 1948 I began the fourth grade, with Mrs. Martha Simons, a kind old lady, as my teacher. Since Sherman School was overcrowded, our class was transferred to Libbie Edwards School for the first half of the school year, until the new addition at Sherman School could be completed. We were in sort of a makeshift classroom, with long tables set end to end, and chairs on either side. In January 1949 we were transferred back to Sherman School. We then had the new type classrooms, with individual, movable student desks. The fourth grade is the only grade for which I have not located my report card.

I began the fifth grade at Sherman School in September 1949. Mr. William J. Naylor was my teacher. I liked Mr. Naylor perhaps the best of all my elementary school teachers. We played softball and had other outdoor activities nearly every day. In the classroom, we were in a small room, with old-fashioned desks again. When I was in the fifth grade, I got a job with the school lunches. Every day I would pass out milk, gather bottles, trays, etc., for which I would get my lunch free. One day when we were playing softball, I was the first baseman, and the ball was thrown very hard to me to put a runner out. It hit the tip of the ring finger in my right hand, and severely sprained some ligaments. It took several years for the effects of this accident to disappear. I was absent 10 of 176 school days in the fifth grade.

For the sixth grade I was transferred to William Penn School, along with several other students whom I had known at Sherman School. My teacher was Mrs. Edna Buchanan, and our classroom was large and well-equipped with modern facilities. I began my first diary in the sixth

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grade, in September 1950. I was on the school safety patrol, and I played the drums in the school band. I enjoyed the sixth grade very much. I was absent 5 of 177 school days.

In September 1951 I began the seventh grade at Olympus Junior High School. We had several different subjects, with a different teacher and a different room for each. I had the following subjects, teachers, and grades:

<u>Period</u>	<u>Subject</u>	<u>Teacher</u>	<u>Grades</u>	
			<u>Cit.</u>	<u>Sch.</u>
1-2	Math and Science	Mr. ElRoy Jones	A,A-	A,A
3-4	English and Utah History	Miss Maxine Bailey	A,A	A,A
5	Physical Education	Mr. Douglas O. Laursen	B	A-
6	Art (first semester only)	Mr. Ted T. Peterson, Mr. Ronald S. Beckstrom	B	B
7	Leather Shop (first semester only)	Mr. ElRoy Jones	A	A
6	Reading (second semester only)	Miss Ireta Roylance	A	A
7	Music (second semester only)	Mr. J. Leon McCleary	A	A-

I enjoyed my math and science class very much. I was top in the class in math, and I seemed to often demonstrate my superiority by correcting the teacher when he made mistakes. Mr. Jones was a good teacher.

English and history was an informative class, and we had several interesting projects dealing with Utah history. I constructed a model of a log cabin, complete with furnishings, for this class. Once some fossil imprints in modeling clay were passed around the class, and I and another boy destroyed their intelligibility. We were severely reprimanded, and Miss Bailey made up a sentence describing our guilt and put it on the blackboard and had everyone in the class diagram it. Miss Bailey was one of the few Junior High or High School teachers that

marked report cards on a straight letter system, most of the others using minuses or pluses before several grades. Miss Bailey knew her subjects well, and gave lasting impressions to her class members. As far as a teacher goes, she was very good.

I liked physical education, and Mr. Laursen was quite a good teacher, even though at times he did not seem to be very interested in his classes.

Art was perhaps my most difficult subject in junior high school. I have no talent in drawing. I liked that class, though, and my teachers were good in the subject. Mr. Beckstrom was the teacher for the first two terms, and Mr. Peterson was the teacher for the third. I got progressively better in my art work. Both teachers were fairly good, but I liked Mr. Beckstrom the better.

I liked leather shop very much. Mr. Jones was a good teacher. Our biggest project during the class was to make a tooled belt, which I was very proud of.

Reading was quite a boring class. We spent most of our time reading aloud in class, and this bored me. Miss Roylance was a fair teacher.

I didn't mind too much my class in music appreciation from Mr. McCleary. We spent a lot of time in class listening to classical music, and we had outside projects of scrapbooks of music and presenting programs of classical music to the class. Mr. McCleary was a good teacher.

I was absent only one day during the whole seventh grade, and this was because of a bad cold.

I began the eighth grade in September 1952, with the following subjects, teachers, and grades:

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<u>Period</u>	<u>Subject</u>	<u>Teacher</u>	<u>Grades</u>	
			<u>Cit.</u>	<u>Sch.</u>
1	Physical Education	Mr. Douglas O. Laursen	B+	A-
2	Music (first semester only)	Miss Ireta Roylance	A	A
3-4	Science and Mathematics	Mr. Frederick K. Stoffers	A,A	A,A
5-6	English and U. S. History	Mr. Ted T. Peterson and Mr. Newton	A-,B+	A,A-
7	Speech	Mrs. Elizabeth S. Wheat	B+	A-
2	Metal Shop (second semester only)	Mr. ElRoy Jones	A	A

I enjoyed physical education considerably, though I did not participate in as many varied sports as some of the other students, and I was not as proficient as they in basketball, football, volleyball, or softball.

I liked music a lot. We were divided into voice parts and learned many songs of different types. Miss Roylance was a good teacher.

I liked science and math very much. Mr. Stoffers knew his subjects well, and taught them to us well. I particularly liked the science experiments we carried out.

I learned quite a bit in English and history, though it did not appeal to me very much. Mr. Peterson was an enthusiastic teacher, but Mr. Newton seemed rather lazy.

I gained a lot from speech class and enjoyed it a lot. We gave talks before the class on many subjects. Mrs. Wheat was a very good teacher.

I liked metal shop, and learned a lot from it, though I rushed through some projects and did not give them the time or attention I should have. Mr. Jones was a good teacher.

I was not absent at all during the eighth grade.

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September 1953 marked the beginning of the ninth grade, with the following subjects, teachers, and grades:

<u>Period</u>	<u>Subject</u>	<u>Teacher</u>	<u>Grades</u>	
			<u>Cit.</u>	<u>Sch.</u>
1	English	Miss Jennie Jones	A,A	A,A
2	Physical Education	Mr. Douglas O. Laursen	B,B	A-,B+
3	Civics	Mr. M. E. Maxwell	A,A	A-,A-
4	Shop (Electricity Mechanical Drawing, and Woodworking)	Mr. David I. McComber	A-,A	A-,A
5	Typewriting	Mr. Don T. Sperry	B+,A	A,A
6	Chorus	Miss Ireta Roylance	A,A	A,A
7	Algebra	Mr. VerNon T. Blackham	B+,A	A,A

The above double grades are for the two semesters. There was no final grade given.

I enjoyed the ninth grade considerably, though I did not participate freely in school activities. I did not miss a single day of school.

I liked English, because Miss Jones was a difficult teacher to please. We had many assignments to do outside of class, such as research papers, reports, and outside reading and writing. We studied Shakespeare's Merchant of Venice, which I enjoyed very much.

I had physical education from Mr. Laursen again this year, for the third year in a row. The class was interesting, and I gained much from it. Mr. Laursen gave me the only "B" scholarship mark I received in the ninth grade.

I thought Civics was a very worthwhile course, and I enjoyed it. Mr. Maxwell was a good teacher. Besides citizenship, we studied vocational guidance and driver education.

Shop was one of my favorite classes. We studied mechanical drawing, electricity, and woodworking, including lathe work. I enjoyed it

considerably. I made a magnet and an electric motor in that class. Mr. McCombre was a fine teacher.

I liked typewriting very much. I learned to type quite rapidly, and by the end of the year I was typing over sixty words per minute. Mr. Sperry was an enthusiastic teacher for whom it was a pleasure to be in his class.

I also liked Chorus. I accompanied for the chorus on several occasions, and enjoyed that very much. I sang with the chorus at the ninth grade Promotion Exercises. Miss Roylance was a fairly good teacher.

Algebra was an easy class for me. I was one of the top math students in the school. Mr. Blackham enjoyed his work and taught us a lot, though he scarcely challenged me.

I began the tenth grade at Olympus High School in September 1954, with the following subjects, teachers, and grades for the first semester:

<u>Period</u>	<u>Subject</u>	<u>Teacher</u>	<u>Grade</u>
1	Special geometry	Mr. Ronald Beckstrom	A
2	Seminary (Old Testament)	Mrs. Ruth W. Moss	A
3	Biology	Mr. Lawrence Greene	A
4	United States History	Mr. Donald Dixon	A
5	Physical Education 10	Mr. Gil Meier	A
6	English 10	Mr. Charles D. Tate	A
7	Latin	Miss Dorothy Ryerson	A

I liked geometry very much. It was a special class designed for students taking plane and solid geometry in one year. We did a lot of study, and went quite rapidly through the course. I liked it. Mr. Beckstrom was always happy, and did a lot to make his students happy.

I liked seminary very much. It was quite different from the other classes I took across the street at the high school. Mrs. Moss was a good teacher, but sometimes she got on my nerves.

I enjoyed biology very much, and I thought that Mr. Greene was an excellent teacher. I especially liked some of the experiments we performed in biology class. We also did some outside work, such as reports, observations, etc.

Perhaps U. S. History was the most boring class I had in high school. It seemed that way to me, perhaps because Mr. Dixon was not particularly qualified to teach U. S. History. He is a physical education major. Even though it was boring, I learned quite a bit.

Mr. Meier was a very good physical education teacher. I participated a lot in sports in his class, and learned quite a bit in his classroom lectures. On the whole I gained a lot from this class.

Mr. Tate was a very good English teacher, but he did not push his students hard enough. We had to write a theme per month outside of class. He should have given us one a week. I enjoyed his class though.

I particularly liked Latin and got a lot out of it, even though I cannot remember much of it now. Miss Ryerson was a very good teacher, and gave us quite a bit of work to do, but I think we should have had much more.

I was absent two days during the first semester. These were the only days I was absent during all of my high school work.

In the second semester in the tenth grade, I had the following subjects, teachers, and grades:

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<u>Period</u>	<u>Subject</u>	<u>Teacher</u>	<u>Grade</u>
1	Solid Geometry	Mr. Ronald S. Beckstrom	A
2	Seminary (Old Testament)	Mrs. Ruth W. Moss	A
3	Physical Education 10	Mr. George A. Gourley	A
4	Biology	Mr. Wayne A. Goates	A
5	Latin	Miss Dorothy Ryerson	A
6	English 10	Mr. Charles D. Tate	A
7	U. S. History	Mr. Donald Dixon	A

I liked solid geometry a lot. We studied solid figures and did many problems in solid geometry, using methods of plane geometry. Also we drew many geometrical figures in space, which I enjoyed a lot. Mr. Beckstrom was a very good teacher.

I liked Seminary more this semester than last. I seemed to get along with Mrs. Moss better, and really began to enjoy the lessons. An unfortunate thing happened though. Near the end of the year, I lost my seminary notebook. It had a lot of valuable information in it.

I enjoyed physical education quite a bit. Mr. Gourley was an excellent physical education teacher. I gained a lot from his class.

I liked biology from Mr. Greene last semester more than from Mr. Goates this semester, though the class was very interesting. We were not in a real biology laboratory like we were last semester, but we had only an ordinary classroom.

I enjoyed Latin very much again this semester. Miss Ryerson was a very interesting and informative teacher. English and History were very much like the first semester.

I had the following subjects, teachers, and grades for the first semester of the eleventh grade, which began in September 1955:

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<u>Period</u>	<u>Subject</u>	<u>Teacher</u>	<u>Grade</u>
1	Algebra II	Mr. Dale W. Johnson	A
2	French I	Miss Dorothy Ryerson	A
3	Seminary (New Testament)	Mr. LeRoi B. Groberg	A
4	Physical Education 11	Mr. Donald Dixon	A
5	English 11	Mr. Charles D. Tate	A
6-7	Chemistry I	Mr. Ronald S. Beckstrom	A

I liked Algebra II quite a bit, even though I was not challenged at all in this class. Mr. Johnson was a fairly good teacher--- he gave us a good background in algebra---but he did not inspire the students to achieve to the utmost of their abilities.

I enjoyed French about as much as any class I had in high school. Miss Ryerson was an excellent teacher of French, and I learned a lot in her class.

I liked seminary a lot, even though Mr. Groberg was somewhat dry and uninteresting. I gained a lot from his class.

I liked physical education quite a bit, even though I did not particularly care for Mr. Dixon as a teacher. I think both Mr. Meier and Mr. Gourley were better teachers, but I did enjoy the class highly.

I liked English immensely, and I thought that Mr. Tate was an excellent teacher. I had to study quite a bit for his class, and I liked it, because he did push us somewhat.

I enjoyed chemistry a great deal. It was practically sheer delight to study for that class. I was very engrossed in experiments and study for chemistry. Mr. Beckstrom was an excellent teacher. The class lasted for two consecutive periods each day.

In the second semester in the eleventh grade, I had the following subjects, teachers, and grades:

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<u>Period</u>	<u>Subject</u>	<u>Teacher</u>	<u>Grade</u>
1	Algebra III	Mr. Dale W. Johnson	A
2	French I	Miss Dorothy Ryerson	A
3	Mixed Chorus	Mr. Kenly Whitelock	A
4	Seminary (New Testament)	Mr. Max W. Moffett	A
5	English 11	Mr. Charles D. Tate	A
6	Physical Education 11	Mr. Donald Dixon	A
7	Intermediate Typewriting	Mr. Melvin Collings	A

I learned a lot from Algebra III. Mr. Johnson taught us quite well, but we were not pushed at all to the top of our abilities.

I enjoyed French immensely, as in the first semester, and thought that Miss Ryerson was an excellent teacher.

Mixed Chorus was a very good class, and I liked it a lot. Several students in the class were not particularly interested in music, and took the class simply to fill in their schedule. Mr. Whitelock was a fine music teacher.

I liked Mr. Moffett a lot and really enjoyed Seminary from him. I gained a great deal from the class.

Mr. Tate was an excellent English teacher. I liked his class very much. We wrote research papers and had very difficult tests in his class.

I liked physical education. It was the one class each day in which I could really relax. Mr. Dixon was a fairly good teacher.

I liked type a lot from Mr. Collings, though he did not push his students at all. I did a lot of extra work for him outside of class--correcting papers and doing extra typing. It was a worthwhile class.

I began the twelfth grade in September 1956, with the following subjects, teachers, and grades for the first semester:

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<u>Period</u>	<u>Subject</u>	<u>Teacher</u>	<u>Grade</u>
1	Nations and World Understanding	Mrs. Edna Hollingsworth	A
2	College Preparatory English	Mrs. Estelle Tucker	A
3	French II	Miss Dorothy Ryerson	A
4	Olympus Chorale	Mr. Kenly Whitelock	A
5	Seminary (Church History)	Mr. Robert Steffensen	A
6	Psychology	Miss Barbara Redford	A
7	Modern American Problems	Mr. Eldon Tolman	A

I liked Nations and World Understanding very much. It dealt with world history from 1500 to the present time. Mrs. Hollingsworth was an excellent teacher, and gave us quite a big incentive to study hard. The class was really worthwhile.

I enjoyed English from Mrs. Tucker very much. We studied English literature from such authors as Beowulf, Chaucer, Shakespeare, etc. Even though the class was fine, Mrs. Tucker did not push her students at all. She geared her grading to the average student, which permitted the above-average students to slide along.

I enjoyed French a lot, and Miss Ryerson was an excellent French teacher.

I liked Chorale immensely. This semester I accompanied for the Chorale on many occasions, such as the Titan Talent Review, Christmas Programs, Sunday Night Programs, etc. Mr. Whitelock was a very good teacher of choral singing.

I liked seminary a lot from Mr. Steffensen. He was a very good teacher, and I learned a lot from the class.

I took the class in psychology to see if I could understand myself better, to be able to overcome my inhibitions and my social inability.

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Success did not come at first, but about a year or so later I was able to embark on really constructive efforts in these directions. Miss Redford was an excellent teacher.

In Modern American Problems we studied mostly articles from the magazine United States News and World Report on current problems and topics of national discussion. The class was very interesting, and I learned a lot from it. Mr. Tolman was a very good teacher.

In the second semester of the twelfth grade, I had the following subjects, teachers, and grades:

<u>Period</u>	<u>Subject</u>	<u>Teacher</u>	<u>Grade</u>
1-2	Physics	Mr. Marion W. Poulson	A
3	French II	Miss Dorothy Ryerson	A+
4	Olympus Chorale	Mr. Kenly Whitelock	A
5	College Preparatory English	Mrs. Estelle Tucker	A
6	Seminary (Principles of the Gospel)	Mr. Max W. Moffett	A
7	Seminary (Missionary Preparation)	Mr. Frank M. Bradshaw	A+

I liked physics very much, and gained a lot from it. Mr. Poulson was an excellent teacher, who inspired his students very much. We had many interesting experiments and demonstrations.

I enjoyed French immensely. I participated in the Modern Language Contest at BYU in March, and won first place in oratory. Miss Ryerson was an excellent teacher.

I liked Chorale very much. This semester I did very little accompaniment work, but spent most of my time singing, which was my choice. I went to Pasadena, California, for a week to sing in the Western Division Music Festival there. It was wonderful. Mr. Whitelock was a very good teacher.

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I liked English very much from Mrs. Tucker. The class was very beneficial, and helped me very much toward my college English.

I liked seminary very much from Mr. Moffett. We studied from the Doctrine and Covenants and the Pearl of Great Price. We discussed in detail the first principles of the gospel. Mr. Moffett was an excellent teacher.

I liked seminary a lot from Mr. Bradshaw. We studied the missionary approach to the gospel through the presentation of the seven lessons to contacts. Mr. Bradshaw was a very good teacher.

Soon after high school graduation, I went into the army for six months' active duty training, and returned home in December 1957. I started at the University of Utah beginning with the Winter Quarter, 1958, starting in January 1958. I had the following subjects, teachers, and grades in the winter quarter:

<u>Time</u>	<u>Subject</u>	<u>Teacher</u>	<u>Grade</u>	<u>Cr.</u>
T-Th 9:05	Personal Health Education	Dr. E. G. Jackson	A	1
T-Th 11:15	General Education Orientation	Dr. Mack S. Kesler	B	1
MTWTF 10:10	Principles of Chemistry (4)	Dr. F. W. Cagle	A	5
MWF 11:15	Oral and Written Composition, Basic Communication (11)	Mrs. Winnifred S. Margetts	A	3
MTWTF 8:00	College Algebra, Math (6)	Dr. Eugene E. Kohlbecker	A	5
MW 2:15	Civil Engineering Drawing (1)	Mr. Duke	A	2
MW 9:05	Doctrine and Covenants	Mr. T. Edgar Lyon	--	--

I liked health class considerably, though it was mostly dry lectures. Dr. Jackson was a well-informed and thoroughly competent teacher.

General Education consisted of lectures from heads of several departments in the College of Engineering and in the College of Mines and

Mineral Industries. It was interesting and quite informative. Dr. Kesler was a good teacher.

Chemistry was very difficult compared to high school chemistry, and had a lot of mathematics in it. Dr. Cagle aimed at the best students in the class, and graded the others accordingly. I liked the class very much. We had three lectures, two quizzes, and three hours of laboratory each week.

I gained a great deal from Basic Communication 11. We had to write at least one theme a week outside of class, and give a speech in class about every other week. Also we had literature, grammar, and spelling. Mrs. Margetts was an excellent teacher.

In College Algebra we studied permutations and combinations, the binomial theorem, arithmetic and geometric series, the theory of numbers, De Moivre's theorem, and several other advanced algebraic concepts. I had already studied many of them in Algebra III in high school. Dr. Kohlbecker was an interesting and competent teacher. I liked the class very much.

Civil Engineering Drawing was a very difficult class for the credit received. We spent at least six hours a week in laboratory, making the drawings to be handed in. I liked the class very much, and learned a lot from it.

I learned a lot from my religion class from Mr. Lyon. It was really interesting.

I was not absent at all in the winter quarter.

In the spring quarter 1958, beginning late in March, I had the following subjects, teachers, and grades:

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<u>Time</u>	<u>Subject</u>	<u>Teacher</u>	<u>Grade</u>	<u>Cr.</u>
MWF 11:15	Oral and Written Composition, Basic Communication (12)	Mrs. Winnifred S. Margetts	A	3
MTWTF 10:10	Principles of Chemistry (5)	Dr. Carl J. Christensen	A	5
MTWTF 8:00	Analytic Geometry, Math (11)	Mr. David Ford	A	5
MTWTF 1:15	Principles of Economics (5)	Dr. G. A. Fuller	A	5
TTh 9:05	Joseph Smith and the Restoration	Mr. T. Edgar Lyon	--	--

I liked Basic Communication 12 very much. It was a little more difficult than Basic Communication 11, which I had during the winter quarter. We had some expository writing, research papers, and several themes, speeches, etc. I gained a lot from it.

I liked Chemistry 5 a lot; it was somewhat harder than Chemistry 4. Dr. Christensen was a very good teacher.

Analytic geometry was the most difficult mathematics class I have ever taken. Even at that, it did not seem overly difficult, and I pushed through it quite well. Mr. Ford was a very good teacher, but he did not push his students quite enough.

Economics was the first class that I have ever taken that really gave me a challenge. We subscribed to the Wall Street Journal and read about two articles per day in it. We went completely through an eight-hundred-page text. We had many outside reading assignments. I have a 1100-page notebook of class notes from this economics class. Even with all this work, I feel that I could have been pushed more. Dr. Fuller was an outstanding teacher.

I enjoyed my religion class highly. Mr. Lyon was an excellent teacher.

I was not absent at all during the spring quarter 1958.

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<u>Time</u>	<u>Subject</u>	<u>Teacher</u>	<u>Grade</u>	<u>Cr.</u>
Sat 7:00	General Physics Laboratory, Physics (21)	Dr. Franklin S. Harris, Jr.	A	1
MWF 8:00	Oral and Written Composition, Basic Communication (13)	Mr. P. L. Gerber	A	3
MTWTF 10:10	Music Theory (71)	Dr. William L. Fowler	A	5
MWThF 11:15	Differential and Integral Calculus, Math (21)	Dr. William J. Coles	A	4
Tu 11:15	Chemical Engineering Seminar (10)	Dr. Ernest B. Christiansen	--	$\frac{1}{2}$
MTWTF 1:10	University Physics (21)	Mr. Richard J. Jacob	A	4
TTh 2:15	Civil Engineering Drawing (2)	Mr. John A. Nicolaysen	A	2
MW 9:05	Mormon Doctrine and Philo- sophy, Theology (104)	Dr. Albert L. Payne	--	--
F 9:05	Missionary and Leadership Training, Church Adminis- tration (51)	Dr. Lowell L. Bennion	--	--

I had the above subjects, teachers, and grades in the autumn quarter 1958. I was not absent at all during this quarter.

Physics Laboratory was a very easy class. I enjoyed it quite a bit, but did not learn a great deal from it. Mr. Nielsen was my laboratory instructor.

Basic Communication 13 was very easy compared with my previous Basic Communication classes. Mr. Gerber gave his students little incentive to study or to learn.

I liked Music Theory very much, and learned a lot from it. Dr. Fowler was a very good teacher.

Calculus was a difficult class. I had to do a lot of studying for it, but I enjoyed it. I could understand it quite well, and came through it fine. Dr. Coles was an excellent teacher.

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Chemical Engineering Seminar consisted of a lecture each week by someone in a particular field to the Chemical Engineering students. I gained quite a bit from it. No letter grade was given for this class, only credit or no credit.

Physics was an extremely difficult class. I learned a lot from it, but I was continually pushed to the limit. Perhaps this was for the best. Dr. Swigart's lectures twice a week were extraordinarily well presented.

C. E. 2 was very difficult and time-consuming compared with C. E. 1. I liked it quite a bit, though. Mr. Nicolaysen was a very good teacher.

I enjoyed my two religion classes very much. Dr. Payne and Dr. Bennion were both excellent teachers.

In the winter quarter of 1959, which began in January 1959, I had the following subjects, teachers, and grades:

<u>Time</u>	<u>Subject</u>	<u>Teacher</u>	<u>Grade</u>	<u>Cr.</u>
MTWTF 10:10	Music Theory (72)	Dr. William L. Fowler	A	5
MWThF 11:15	Differential and Integral Calculus, Math (22)	Dr. William J. Coles	A	4
Tu 11:15	Chemical Engineering Seminar (11)	Dr. Ernest B. Christiansen	--	$\frac{1}{2}$
MTWTF 1:10	University Physics (22)	Mr. Richard J. Jacob	A	4
Tu 2:15	General Physics Laboratory, Physics (14)	Dr. Franklin S. Harris, Jr.	B	1
MW 9:05	Mormonism in Thought and Practice, Theology (105)	Dr. Albert L. Payne	--	--
F 8:00	Missionary Training, Church Administration (141)	Br. Wallace F. Toronto	--	--
F 12:20	Missionary Training, Church Administration (142)	Dr. T. Edgar Lyon	--	--

I enjoyed Music Theory very much this quarter. It was considerably more difficult than the first Music Theory class I took. For the last four weeks of the course, we studied ear training, which I needed very much. Dr. Fowler was a very good teacher.

Calculus was much more difficult than before. I did very well in it, though, and got 98% on the final test. Dr. Coles was an excellent teacher.

Chemical Engineering Seminar was practically the same as before, but not as interesting.

I enjoyed physics more this quarter. Dr. Swigart's lectures seemed to be even more captivating. It was truly an exceptional class. We studied electricity, which I knew very little about before, but I did very well in the class.

In Physics Laboratory I didn't study as much as I should have done, so I got my only B this quarter in this class. It was a good class, though, and I enjoyed it. Mr. Snow was my lab instructor.

All three of my religion classes were very good. I especially enjoyed Dr. Payne's class in the practical aspects of our religion.

In the spring quarter of 1959, I had many of the same classes as before, and I was not absent during the quarter.

I liked Chemistry quite a bit, but it was a very difficult class for me, since I had not had any Chemistry since the previous spring quarter. Dr. Malm was an excellent teacher.

Music Theory was much more difficult this quarter than before. We had to write a string quartet and have it performed. This took upwards of fifty hours work and a good share of the quarter to complete.

Math was also much more difficult this quarter, but I enjoyed it. I won the Gibson Prize in a math contest for sophomore students. It was quite unexpected.

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Chemical Engineering Seminar was much the same as before.

Physics was also somewhat more difficult than last quarter. I was very interested in much that was discussed in heat, acoustics, and optics.

I enjoyed physics lab this quarter more than before. Mr. Nielsen was my instructor again.

Advanced Theology was a very challenging class. Many things were discussed that were open to opinion, controversy, and interpretation. I gained a lot from it. Dr. Payne was an excellent teacher.

I had the following subjects, teachers, and grades:

<u>Time</u>	<u>Subject</u>	<u>Teacher</u>	<u>Grade</u>	<u>Cr.</u>
TWTF 7:45	Principles of Chemical Equilibrium, Chemistry (6)	Dr. Lloyd E. Malm	A	5
MTWTF 9:55	Music Theory Music (73)	Dr. William L. Fowler	A	5
MWThF 11:00	Differential and Integral Calculus, Math (23)	Dr. William J. Coles	A	4
Tu 11:00	Chemical Engineering Seminar (12)	Dr. Ernest B. Christiansen	--	$\frac{1}{2}$
MTWTF 1:10	University Physics (23)	Mr. Richard J. Jacob	A	4
F 2:15	General Physics Laboratory, Physics (6)	Dr. Franklin S. Harris, Jr.	A	1
MW 8:50	Advanced Theology, Theology (591)	Dr. Albert L. Payne	--	--

CHRONOLOGY OF MY LIFE
by Alvin H. Larsen

1939

- June 22 Birth date 4:20 a.m. Thursday, L. D. S. Hospital, Salt Lake City, Utah. Weight at birth 6 lb. 13 oz.; height 19 in.
August 6 Blessing by Nicholas G. Smith, Seventeenth Ward, Salt Lake Stake.
December 8 Moved from apartment at 622 Park St. to 2107 E. 2790 So., Salt Lake City, Utah.

1940

June First walked alone.

1941

- May 19 Sister Karla Mae born.
December 7 Pearl Harbor bombed by Japanese.
December 23 Came down with German measles.

1942

- June 16 Brother James Victor born.
July 3-5 Camped out at Brighton with family for three days.
July 19 Came down with red measles.

1943

- April First attended Junior Sunday School--Maude Brinton, teacher.
July 14 Went to Ringling Brothers, Barnum and Bailey Circus in Salt Lake City.

1944

May Took first train ride--to Springville, Utah.

1945

- March First attended Primary.
April 12 Pres. Franklin D. Roosevelt died; Harry S. Truman made President of the U. S.
May 18 Came down with scarlet fever--had it for six weeks.
July 1 Started school--kindergarten, Sherman School.
August 6 Atomic bomb dropped on Hiroshima, Japan.
August 9 Atomic bomb dropped on Nagasaki, Japan.
September 2 Japan formally surrendered to end World War II.
September First grade--Ruth Nelson, teacher, Sherman School.
December 19 Brother Milton born.

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1946

May Completed first grade.
September Second grade--Mrs. Smith, teacher, Sherman School.

1947

May Completed second grade.
June 1 Met my great-grandmother at a family reunion.
July 2 Baptized a member of the Church of Jesus Christ of Latter-Day Saints, by Earl Beecher, in the Tabernacle faunt, Salt Lake City.
July 6 Confirmed a member of the Church by my father Henry V. Larsen.
July 28 Brother Clyde Lauritz born.
September Third grade--Clara Peterson, teacher, Sherman School.
September 17 Had tonsils taken out.

1948

May Completed third grade.
July 22 Began piano lessons--Louise Hansen, teacher.
September Fourth grade--Martha Simons, teacher, Libbie Edwards School.
November 10 Grandfather Lassen came over from Denmark. He lived with us for eight months, then Agnes came over and they lived in the city until November 1950.

1949

January Transferred to Sherman School after new addition had been completed.
May Completed fourth grade.
September Fifth grade--William J. Naylor, teacher--Sherman School.

1950

March Met President George Albert Smith.
May Sprained ligaments on ring finger of right hand playing baseball.
May 18 Grandfather Bartholomew died at Spring Lake, Utah.
May Completed fifth grade.
June 25 Korean War started.
September Sixth grade--Edna Buchanan, teacher, William Penn School.
September 8 Began first diary.
September 25 Observed total eclipse of the moon.
October 27 Began service on School Safety Patrol.
November 9 Began coin collection.
November Became Tenderfoot Scout, Grandview Ward, Troop 82.
November Grandfather Larson left to return to Denmark.

1951

January 26 Began playing the drums in the band at William Penn Elementary School.
March Became Second Class Scout, Grandview Ward, Troop 82.
April 4 President George Albert Smith died.
May 24 Played 2 piano solos on Sixth Grade program.
May 25 Completed sixth grade.

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- June 1 Began mowing neighbor Cook's lawn each week for \$1.25.
- June 10 Graduated from Primary, Grandview Ward, Wilford Stake, with perfect attendance for the year.
- June 20 Received first scout merit badges.
- July 19 Played piano solo in scout Court of Honor.
- August Attended first scout camp, with Garden Heights Scout Troop 452, at Mount Timpanogos.
- August 12 Ordained a deacon by my father, Henry V. Larsen.
- August 13 Began job as a substitute paper boy.
- September Started Junior High School at Olympus Junior High.
- October Became First Class Scout, Garden Heights Ward, Troop 452.
- November Became second counselor in Deacons' Quorum Presidency.

1952

- March 11 Became Star Scout, Garden Heights Ward, Troop 452.
- May 23 Completed seventh grade.
- June 4 Began paper route job, Salt Lake Telegram.
- June 5 Began swimming lessons at Deseret Gym.
- June 18 Bought a sleeping bag for \$15.25, with money which I had saved.
- July Became president of Deacons' Quorum.
- July 26 Began substitute delivery job at Southeast Pharmacy, \$.45 per hour.
- August Attended Scout Camp at Trial Lake in the High Uintahs.
- September Began eighth grade at Olympus Junior High School.
- November 4 Dwight D. Eisenhower elected President of the U. S.

1953

- February 8 Played the pipe organ for Garden Heights Ward Sacrament Meeting.
- March Became patrol leader --Tiger Patrol, Troop 452.
- April 15 Became a Life Scout, Garden Heights Ward, Troop 452.
- April Released as president of Deacons' Quorum.
- May 10 Scout troop photo taken--recognized as best Scout Troop in U. S.
- May Participated in Scout Junior Leaders' Pow Wow at Fort Douglas.
- May 22 Completed eighth grade.
- July 11 Began regular part-time job at Southeast Pharmacy.
- July 26 Korean War armistice signed.
- August 14-17 Attended Scout camp at Mt. Timpanogos.
- September 2 Began Ninth grade at Olympus Junior High School.
- November Received raise from 45¢ to 50¢ per hour from Mr. Steele at Southeast Pharmacy.
- December Became Senior Patrol Leader, Troop 452.

1954

- February 10 Received recognition letter from East Mill Creek Stake Presidency for having 100% attendance at Priesthood and Sacrament Meetings in 1953.
- March 14 Appointed as organist in Priesthood Meeting and first counselor in fifth quorum of deacons, Garden Heights Ward.
- May 20 Graduated from Olympus Junior High School.
- June Grandmother Bartholomew came to live with us.

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- June 27 Ordained a teacher by my father, Henry V. Larsen
- July Cut hand on broken window pane--had two stitches.
- July 24 Attended family picnic at Deer Creek Reservoir.
- August 6-8 Attended Scout camp at Soapstone Mountain.
- September 8 Started High School--Olympus High School, sophomore year.
- September 23 Went into Explorers from Scouts.
- October 9 Attended family get-together at Aunt Helen's.
- October 19 Family moved into new home.
- October 22-25 Family took trip to parks in southern Utah. I stayed home alone.
- November 5 Was chairman of a group that presented the opening exercises in Seminary class.
- November 22 Suffered amnesia from blow on the head.
- December 5 Set apart as Teachers' quorum secretary by Ben Burdett, Sr.
- December 16 Fell from bicycle, scraped elbow and knee.
- December 26 Missed all Church meetings because of a bad cold.

1955

- January 10 Started studying chess.
- January 11 Began work at soda fountain, Southeast Pharmacy, Salt Lake City.
- January 28 Presented the opening exercises in Seminary class.
- February 24 Submitted special report in biology class on "The Properties of the Blood."
- March 9 Karla started piano lessons.
- May 15 Met President David O. McKay at Special Aaronic Priesthood Meeting at Rosecrest Ward Chapel.
- May 27 Completed tenth grade, Olympus High School.
- June 10 Received a raise from 50¢ to 55¢ per hour from Mr. Steele, Southeast Pharmacy.
- June 12 Garden Heights Ward was divided, down Fisher Lane--into Garden Heights and Garden Heights South wards.
- June 25 Bought a book on chess to study.
- June 26 Ordained a priest by my father, Henry V. Larsen.
- June 29 James had a hernia operation.
- June 30 Opened savings account at Western Savings and Loan Association.
- July 25 Received raise from 55¢ to 70¢ per hour from Mr. Steele, Southeast Pharmacy.
- August 9 Obtained temporary driver's license.
- September 2-6 Went with family on short trip to Southern Utah parks and Grand Canyon.
- September 6 Became a Junior at Olympus High School.
- November 5 Obtained driver's license.
- December 3 Clyde and I moved into our new room, after its completion.

1956

- January 4 Became Garden Heights Ward MIA organist.
- January 7 Grandmother Bartolomew won a record player at a Ward banquet.
- January 14 Went bowling with Lauren Richins and his brother.
- January 15 Attended Warren Beck's farewell to the New England States Mission.
- January 22 Received recommend for a Patriarchal blessing.

- January 29 Received patriarchal blessing from Eugene J. Neff, patriarch of East Mill Creek Stake.
- February 2 Attended Modern Language Club Pizza Party at Olympus High School.
- February 11 Visited Stirling after he suffered a broken leg in an auto accident.
- February 12 Played the organ in Sacrament meeting.
- February 13 Dr. Strong, the new principal at Olympus High, took over.
- March 9 Handed in Research paper on "Synthetic Diamonds."
- March 11 The Los Angeles Temple was dedicated.
- March 17 Visited Welfare Square with MIA.
- April 15 Sang in choir in stake conference, also in youth chorus in the youth conference in the evening. James spoke in the youth conference.
- April 18 Toured the telephone company building with the Explorer class.
- April 19 Toured temple grounds and Church offices with the Seminary; James received his Eagle Scout award.
- April 21 Worked on Stake farm, rode out to Bingham Copper Mine with friends.
- April 29 Talked in Priesthood Meeting--"The Nauvoo Temple."
- May 2 Visited KTVT offices and studios, Salt Lake City.
- May 11 Went to Lagoon with Seminary.
- May 13 J. Reuben Clark spoke at a special meeting of the Aaronic Priesthood at Highland View Ward this morning at 7:30 a.m.
- May 25 Completed eleventh grade at Olympus High School.
- June 6 Received last piano lesson from Mrs. Hansen.
- June 8 Attended Priests' Quorum party at Saratoga resort.
- June 9 Attended Sunday School party at Pine View Dam; received raise from 70¢ to 85¢ per hour from Mr. Steele, Southeast Pharmacy.
- June 10 Attended John Halverson's missionary farewell to Mexico.
- June 15 Began Organ-playing; course from Frank W. Asper; sang in all-Church Music Festival in Tabernacle, Salt Lake City.
- June 16 Attended Music Leaders' MIA Conference Sessions, Granite Stakehouse; sang in repeat performance of Music Festival.
- June 17 Attended Enid Schoen's Missionary Farewell to Samoa.
- June 23 Contributed \$200 toward building fund for the new chapel.
- June 23 Took Stirling and Don to ward banquet at Rosecrest chapel.
- June 26 Enlisted in the Army Reserve--Hq & Hq Btry, 921st FA Bn, Fort Douglas, Utah.
- July 14 Left with Don for two weeks' Army Summer Camp at Yakima, Washington.
- July 15 Arrived at Yakima, Washington, attended Priesthood Meeting and Sunday School; awarded "Duty to God" Award in Sacrament Meeting, Garden Heights Ward, even though not present.
- July 21 Spent the afternoon and evening in Yakima.
- July 22 Attended all Church meetings in Yakima.
- July 28 Left Yakima and returned home.
- August 8 Attended MIA party at Fairmont Park.
- August 23 Became battery clerk in Reserve unit.
- August 28 Attended Stake J. M.-Men-Jr. Gleaner party at Storm Mountain.
- September 5 Became a senior at Olympus High School; attended a program and corn roast at Mutual, and accompanied several musical numbers.
- September 20 Received School Ring, Olympus High School.

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- September 29 Took tour of Mormon trail from Hennefer to Salt Lake City, with Seminary class.
- September 30 Spent all day Sunday at Fort Douglas, firing M-1's.
- October 1 Attended Modern Language Club Party.
- October 2 Elected President of Chess Club.
- October 23 Played organ in Stake Leadership Meeting.
- October 26 Attended Olympus Chorale party.
- October 28 East Mill Creek Stake was divided, into East Mill Creek and Canyon Rim Stakes.
- November 14 Accompanied several numbers for Olympus Chorale and Pythia Guild in Titar Talent Review at Olympus High School.
- November 28 Went swimming with Jr. M Men at Wasatch Springs.
- November 30 Took trip with psychology class to American Fork Training School and to the State Mental Hospital at Provo.
- December 7 Went bowling with the Modern Language Club.
- December 9 Participated in Olympus Chorale program at Browning Ward.
- December 19 Played organ and piano in MIA Christmas program.
- December 21 Participated in Olympus Chorale program at Hotel Utah.

1957

- January 12 Took Merit Scholarship test at East High School.
- February 8 Heard Gene Fuller speak at Fathers' and Sons' Banquet.
- February 17 Attended the dedication of the new Garden Heights chapel by Elder Harold B. Lee.
- March 30 Won first place in French Oratory Contest for high school students at Brigham Young University.
- April 15 Left Salt Lake for Pasadena and the Western Division Music Festival.
- April 19 Sang in Western Division Music Festival.
- April 22 Returned from trip to Pasadena, California.
- May 4 Participated in mathematics contest at University of Utah.
- May 11 Took the entrance examinations at the University of Utah.
- May 16 Graduated from Olympus L. D. S. Seminary, with straight "A" average in Seminary for all three years.
- May 21 Presented Senior Class Farewell Assembly, as chairman of the committee which prepared it. Received certificate of merit from the National Merit Scholarship Corporation and a \$75 scholarship to the University of Utah.
- May 24 Graduated from Olympus High School, with highest grade point average in graduating class--3.98; promoted to PFC in Reserve unit.
- June 7 Left with Don Hoskinson for six months' active duty in the army at Fort Ord, California.
- June 8 Toured San Francisco, California.
- June 9 Arrived at Fort Ord, California.
- June 12 Transferred from processing unit to basic training unit--Co D, 15th Battle Group, 5th Brigade, Fort Ord, California.
- June 17 Began eight weeks' basic training.
- July 3 Came down with "Fort Ord Pneumonia"--which later spread all over the United States as Asiatic flu.
- July 13 Open House in basic training unit--after four weeks' basic training.
- July 28 Sang with Servicemen's Choir at Pacific Grove--Apostle Marion G. Romney spoke.

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- August 10 Came home for two weeks' leave from the army.
- August 23 Returned to Fort Ord, transferred to Clerk-typist school.
- September 8 Attended Stake Conference in Seaside--Bruce R. McConkie was the visiting authority.
- September 22 Sang with Servicemen's Chorus in San Jose.
- October 4 First earth satellite launched by Russia.
- October 18 Completed Basic Army Administration Course at Fort Ord, California.
- October 19 Transferred to Iq Co USATC, Fort Ord, California.
- November 9 Hitchhiked to Los Angeles (350 miles away) with David Turman, second cousin.
- November 10 Bishopric in Garden Heights Ward was changed.
- November 19 Played for a quartet in Seaside Ward Speech and Music Festival.
- November 22 Played for a male quartet in Stake Speech and Music Festival at Watsonville.
- November 28 Ate Thanksgiving Dinner at Fort Ord.
- November 29 Graduated with 26th class of 6-month trainees at Fort Ord, California.
- December 6 Returned home from Army Active Duty.
- December 7 Attended ward young people's dinner-dance in honor of the old and the new bishoprics.
- December 17 Took trigonometry entrance examinations at University of Utah.
- December 31 Attended New Year's Eve Party at Stirling's.

1958

- January 2 Became Ward YMMI Secretary.
- January 3 Started college at the University of Utah.
- January 22 Started riding with Jim Rhead to the "U" each morning.
- February 3 First went ward teaching with Ben Burdett, Sr.
- February 7 Attended Stake Fathers' and Sons' Banquet at Canyon Rim Ward--Vernon "Deacon" Law was the speaker.
- February 14 Attended Valentine's Party at Charlene's.
- February 26 Received filing cabinet.
- March 2 Gave 10-minute talk on "Youth's Modern Needs" in Relief Society Sunday Evening Service.
- March 8 Took Special Area Tests at "U" for waiver of general education requirements.
- March 10 Fred Michalicek's wedding in Denver (Norma Gene Sarman).
- March 21 Winter quarter ended at the University of Utah.
- March 22 Began card file.
- March 29 Spring quarter started at the University of Utah.
- March 30 Attended Stake Jr. M Men-Jr. Gleaner Fireside--Paul Royall, speaker.
- April 2 My father bought a 1957 Dodge Station Wagon.
- April 6 Received my seventh individual award in Sacrament Meeting.
- April 13 Attended Ronald Hete's missionary farewell to the Netherlands.
- April 22 Attended Piano Concert at the "U" by Grant Johannessen.
- April 27 Attended Greg DeHanan's missionary farewell to the Netherlands.
- April 29 Played background music for Jr. M-Men-Jr. Gleaner program in Mutual.
- May 25 Spoke on "Religion and Compromise" in Priests' Cottage Meeting.

- May 28 Submitted Research Paper on "Euclid's Impact on Geometry."
 May 31 Saw "The Bridge on the River Kwai" movie with Charlene Johnson.
 June 1 Taught 9-year-olds for Mike Saxey in Sunday School.
 June 6 Finished spring quarter at the University of Utah.
 June 8 Taught 9-year-olds again this Sunday.
 June 12 Attended wedding reception of Gary and Barbara Lambert.
 June 13 Attended all-arts Festival--"Praise Ye the Lord" in the Tabernacle.
 June 14 Attended department sessions of June Conference for Secretaries, Uptown Theater and Barrett Hall.
 June 15 Spent all day Sunday at Fort Douglas for Army meeting.
 June 19 Thomas Carey married Karen Tibbitts in the Salt Lake Temple.
 June 21 Surprise birthday party given in my honor by my close friends.
 June 27 Attended Swedish Choir and Orchestra Concert in the Tabernacle.
 July 4 Attended party with close friends in East Mill Creek Canyon.
 July 5 Left for two weeks' army active duty training at Yakima, Washington.
 July 16 Attended L. D. S. party in Yakima, Washington.
 July 19 Returned home from two weeks' army active duty training.
 July 22 Left on family vacation to Lake Tahoe, San Francisco, Portland, and Yellowstone Park.
 July 27 Attended Church in Portland, Oregon.
 August 1 Attended L. D. S. discussion group at Yellowstone Park.
 August 2 Arrived home from vacation.
 August 7 Worked at Fort Douglas for six hours on a special report to the Pentagon.
 August 8 Worked on Stake Funch hauling hay.
 August 11 Hauled hay again; J. Thorval Stringham, second counselor in Bishopric, fell from hay loft and suffered broken wrists, face lacerations, and head injuries.
 August 16 Sent letters with Stirling and Ron to 75 Stake Presidents, asking for one attribute which has influenced their lives and why.
 August 17 Gave 2½ minute talk in Sunday School on "Punctuality."
 August 21 Went bowling on double date with Ron Holbrook. I took Linda Christensen.
 August 23-29 Helped Ron Holbrook proofread his book, to be published.
 August 24 Taught the 9-year-olds in Sunday School.
 August 25 Attended Vivian McConkie's open house; she married Carlos Adams in the Salt Lake Temple.
 August 31 Attended fireside at Stirling's--discussion on "Conformity."
 September 6 Saw "South Pacific" movie with Stirling and Ron.
 September 7 Attended Stake Conference and youth conference; invited friends to my home for a short fireside afterwards.
 September 13 Accepted job as ward Sunday School teacher for 9-year-old class.
 September 17 Released as YMIA secretary in ward. Ben Burdett took my place.
 September 20 Completed 10-page essay on "Unconventionalism."
 September 21 Spent the day at Fort Douglas in Army Meeting.
 September 26 Began I. P. book; visited with Lauren Richins.
 September 27 Registered at University of Utah for autumn quarter.
 September 28 Interviewed Bishop Jack P. Dangerfield about becoming an Elder.
 September 29 Started school for the autumn quarter at the University of Utah.
 October 9 Reed's Shopping center had huge fire.

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- October 10 Ushered at dedication of Aaronic Priesthood Memorial Monument on Temple Square.
- October 12 Interviewed by Stake President Verl F. Scott about becoming an Elder.
- October 16 Attended Stake Priesthood meeting, W. Cleon Skousen was the speaker; was passed on by audience to become an Elder.
- October 19 Ordained an Elder in the Melchizedek Priesthood by John J. Nielsen; played the organ in a Sacrament Meeting at Aunt Helen's ward in American Fork.
- October 21 Accepted job as editor of Elder's Quorum paper.
- October 22 Began job again as YMMIA secretary.
- October 24 Attended Carolyn Turner's wedding reception (Don Murphy), at Memory Grove, with parents and Stirling.
- October 29 Attended Mutual Halloween party in ward.
- November 2 Spent afternoon at Fort Douglas in Army meeting; saw "The King of Kings" movie; Dad and James came home with two 5-point buck deer.
- November 13 Attended annual I. G. inspection at Fort Douglas.
- November 19 Sang in MIA production, "Praise Ye the Lord."
- November 23 Attended Stake Conference; no visiting general authority.
- November 28 Visited with Vivian and Carlos Adams for a while.
- December 10 Had appointment with Dr. Haynes about hernia operation.
- December 14 Played the organ in Sacrament meeting.
- December 17 Finished autumn quarter at the "U"; attended Christmas party at Mutual.
- December 18 Entered L. D. S. Hospital for hernia operation.
- December 19 Had hernia operation by Dr. Howard H. Haynes; Enid Schow married in the Salt Lake Temple to Earle A. Hollingshead.
- December 20 Douglas D. Alder married in the Salt Lake Temple to Elaine Marie Reiser.
- December 23 Came home from hospital; attended Christmas party at Stirling's.
- December 26 Don Hoskisson became engaged to Carolyn Lee from Tooele.
- December 28 Attended Larry Doman's missionary farewell to Argentina, David Starr's farewell to California (where Mark E. Peterson of the Council of the Twelve spoke), and a ward fireside at Nanette Nielsen's.

1959

- January 1 Conducted discussion with Stirling and Ron on future decisions.
- January 2 Saw "The Inn of the Sixth Happiness" movie with Stirling and Ron.
- January 4 Settled tithing for 1958 with Bishopric, and asked for a Temple recommend. They thought it best to wait for a while.
- January 5 Began winter quarter at the University of Utah.
- January 11 Heard Marion S. Russon speak in Sacrament Meeting on "Intellectual Complacency," and attended fireside at which Jack Goddard talked and showed slides of his mission to Samoa.
- January 16 Saw "The Robe" and "Demetrius and the Gladiators" movies.
- January 18 Attended Blair Carlisle's missionary farewell to France, and heard John Halverson's homecoming address from his mission in Northern Mexico. Was set apart by Dave Madsen of the Bishopric as Secretary of the YMMIA and Sunday School Teacher. Accepted job with the Cogn of Coze Committee at the University of Utah under the chairmanship of Ron Holbrook.
- January 23 Saw the movie "The Student Prince."

- January 25 Accepted assignment on Stake M Men-Gleaner Council. I now have ten Church jobs.
- January 27 Joined Stake M Men-Gleaner choir, "Voices of Canyon Rim."
- February 5 Attended social for ward officers and teachers.
- February 7 Attended bowling party with Stake M Men-Gleaner Chorus.
- February 11 Attended Valentine's dance at Mutual.
- February 12 Heard talk by Marion D. Hanks at the Institute of Religion.
- February 20 Heard poet Carl Sandburg speak at the University of Utah.
- February 22 Attended Stake Conference at which Thorpe B. Isaacson was the visiting General Authority.
- February 25 Participated in ward minstrel show as accompanist and as member of double male quartet.
- February 27 Attended the Union Reception at the University of Utah.
- March 1 Confirmed Jennifer Marie Ford a member of the Church--first such opportunity.
- March 7 Attended Elders' Quorum Party at the ward.
- March 8 Received eighth consecutive Aaronic Priesthood individual award in Sacrament meeting; attended army drill at Fort Douglas this afternoon.
- March 10 Judged a ward speech contest in Charlene's ward.
- March 13 Submitted physics report on "The Early History and Theory of the Diode."
- March 14 Attended bowling party with Stake M Men-Gleaner Chorus.
- March 15 Attended discussion with Stirling and Ron at Ron's home, on the topic, "How to make the most of each day."
- March 20 Completed winter quarter at the University of Utah. Attended music evening at Ron's.
- March 22 Attended army drill at Fort Douglas this Sunday afternoon; attended fireside at which Mark Benson, son of Ezra Taft Benson, spoke.
- March 25 Participated in panel discussion on Goals in Life in MIA.
- March 26 Attended Treasure Hunt and party with Stake M Men and Gleaners.
- March 27 Attended Stake M Men and Gleaner Banquet with Nanette Nielsen.
- March 28 Attended Stake M Men and Gleaner square dance.
- March 29 Attended Stake M Men and Gleaner testimony meeting.
- March 30 Spring quarter began at the University of Utah.
- April 4 Attended general Priesthood meeting in the Tabernacle.
- April 5 Participated in and won ward Speech Contest.
- April 7 Participated in Stake speech contest.
- April 11 Went bowling with Marlene Metcalf on a double date with John Halverson.
- April 12 Attended music evening at Ron's, at which he interpreted "Countenance."
- April 15 Attended "Bride and Groom Night" panel discussion at Rosecrest Ward; played the Organ there.
- April 18 Participated in second presentation of Minstrel Show, this time to the Nineteenth Ward.
- April 23 Attended Tabernacle Choir practice.
- April 24 Attended ward budget banquet.
- May 3 Confirmed Marilyn Osborn a member of the Church.
- May 8 Attended surprise birthday party for Deanna Hoen and attended wedding reception of John Jorgensen and Virginia Thomsen, who were married in the Salt Lake Temple.
- May 16 Won the Gibson Prize of \$25 in a sophomore math exam at the University of Utah.
- May 19 President Stephen I. Richards of the First Presidency died. (Henry D. Moyle named as his successor on June 13.)

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- May 28 Received the Gibson Prize.
- May 30 Attended pageant about the Mormon Battalion entitled "Sand in their Shoes" at Brigham Young University.
- June 1 Status of Army Reserve Unit changed from Headquarters and Headquarters Battery 921st Field Artillery Battalion to Headquarters and Headquarters Battery 5th Howitzer Battalion 34th Artillery.
- June 5 Had my string quartet performed; spring quarter ended at the University of Utah.
- June 6 Attended discussion at Stirling's, entitled "Collimation."
- June 12 Participated in short skit in the afternoon session of June Conference, with others from our ward and stake; attended Don Hoskisson's wedding reception in Tooele; he married Carolyn Lee in the Salt Lake Temple.
- June 14 Interviewed by Bishop Jack P. Dangerfield about going on a mission.
- June 15 Took job with Camelot Distributors as a salesman of stainless steel waterless cookware.
- June 18 Attended wedding reception of Juanita Hansen and Gary O'Brien at Highland View Ward; married in the Salt Lake Temple; visited with Vivian (McConkie) Adams and her new baby girl, Julie Marnee.
- June 19 Attended wedding reception of Kathleen Collett and LaVar McAllister at Rosecrest Ward; married in the Salt Lake Temple.
- June 21 Spoke in Sacrament meeting on the Restoration of the Melchizedek Priesthood; sang in Stake Chorus at Phil Richins' missionary farewell.
- June 28 Presented an evening on "Perfection" for Stirling and Ron, at my home.
- July 3 Made first sale with Camelot.
- July 4 Left for two weeks' army active duty at Yakima Firing Center, Washington.
- July 5 Arrived at Yakima Firing Center; played organ in Sacrament meeting; Roberta Rhead took over my Sunday School class of nine and ten-year-olds, which I had since last September.
- July 12 Attended Church meetings in Yakima; sang in male quartet in two Sacrament meetings.
- July 16 Attended 96th Div Arty party at Sportsman's Park in Yakima.
- July 20 Arrived home from two weeks' summer camp.
- July 21 Wrote letters to Senators in Congress about certain unfavorable conditions in the Army Reserve.
- July 23 Attended study group at Ron's, with Charlene.
- July 25 Interviewed by State President Verl F. Scott about going on a mission.
- July 28 Had physical examination for mission.
- July 29 Interviewed by Presiding Bishop Joseph L. Wirthlin about going on a mission.
- July 30 Heard the Tabernacle Choir practice in the Tabernacle; went on a short trip with Stirling and Ron to Aspen Grove in Provo Canyon.
- August 2 Held short program at my home for Stirling and Ron, entitled "Ere we Part."
- August 4 Stirling invited me to his home for dinner on his birthday.
- August 5 Received my mission call to France, by special delivery letter.
- August 6 Had passport and program pictures taken, and submitted request for transfer into the Standby Reserve.
- August 7 Took short trip into canyons east of Salt Lake City with Stirling and Ron.
- August 9 Attended Stirling's missionary farewell to Argentina, with Charlene.
- August 10 Attended sales convention with Camelot Distributors.
- August 11 Attended Stake roadshows at our ward.
- August 13 Turned in all Army clothes and equipment.
- August 14 Spent the evening with Ron and Stirling at Stirling's, and slept out there.

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- August 16 Attended music hour at Ron's, with Charlene.
- August 17 Stirling entered the Missionary Home.
- August 22 Went water skiing with other M Men and Gleaners in the ward.
- August 23 Had missionary farewell testimonial at Garden Heights Ward at 6:30 p.m.
- August 25 Stirling left for his mission to Argentina at 12:55 a.m. at the Salt Lake Airport.
- August 27 Went for a walk with Charlene uptown; heard the Tabernacle Choir rehearsal.
- August 28 Turned over all mutual records to the ward and the stake.
- August 29 Registered at the Missionary Home.

Alvin H. Larsen

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Objective

Leadership role in development and implementation of integrated computing capabilities for process engineering.

Technical Strengths

Physical properties, thermodynamics
Data evaluation, correlation and estimation
Data quality for process design
Process simulation
Expert systems in engineering
Computer-user interfaces

Education

B.S. (Honors) Chemical Engineering, University of Utah, 1965
B.A. Physics, University of Utah, 1965
Ph.D. Chemical Engineering and Chemistry, California Institute of Technology, 1969. Thesis: "I. Chemical Thermodynamics of Open Systems. II. Combinatorial Theory of Nonlinear Graphs, Applied to the Virial Equation of State"

Experience

1/86-present Principal Engineering Specialist, Physical Properties and Process Simulation, Engineering Technology (ET), Monsanto Chemical Company. Responsible for physical properties and electrolyte simulation capabilities, and for FLOWTRAN application, licensing and university use; provided data evaluation, computing and graphics support for functional fluids marketing; contributed physical property and simulation results to process engineering projects; investigated expert systems technology for use in engineering.

1/79-12/85 Engineering Superintendent, Process Simulation Group, ET, Corporate Engineering Department (CED), Monsanto Company. Responsible for FLOWTRAN, physical properties, and batch and electrolyte simulation capabilities; obtained two new FLOWTRAN licenses; arranged for installation of FLOWTRAN at over 100 universities; revised and upgraded the FLOWTRAN Manual; implemented DIPPR Data Compilation in Monsanto; supervised group of five specialists.

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- 9/77-1/79 Principal Engineering Specialist, ET, CED: Responsible for physical property service; designed, developed and implemented Engineering Data Base Correlation Library of physical property programs; published two major physical property data books for Monsanto processes; instrumental in establishing DIPPR under AIChE auspices; contributed significantly to several process design projects.
- 8/72-8/77 Engineering Specialist, ET, CED: Responsible for physical property service; developed and implemented new FLOWTRAN model for liquid enthalpy; upgraded component and VLE correlation programs; greatly expanded indexed document file for physical property data; participated in many process design and development projects.
- 3/70-7/72 Senior Engineer, ET, CED: Applied FLOWTRAN to process development and design; developed physical property correlations in FLOWTRAN and associated computer programs.
- 11/68-3/70 Senior Mathematician, Technical Computations, Management Information and Systems Department, Monsanto Company: Developed, maintained and applied physical property correlations in FLOWTRAN and associated computer systems; functionally supervised one engineer.

Professional Affiliations

Registered Professional Engineer, Missouri, E-15230, 1973-
American Institute of Chemical Engineers (AIChE), associate member 1969-77, member 1977-
American Chemical Society (ACS), member 1972-
Sigma Xi, member 1967-
American Association for the Advancement of Science, 1970-78

Professional Service

Technical Community of Monsanto, Separations Chapter Program Committee, 1976-77; Technical Computations Chapter, 1976- ; Assistant Newsletter Editor, 1979; Newsletter Editor, 1980; Chairman-Elect, 1981; Chairman, 1982; Past Chairman, 1983; Member of Operating Board and Senate, 1980-83; Monsanto Interchange '84 Program Committee, Chairman of "Personal Computers" Sessions, 1984; Chairman, Articles of Organization Review Committee, 1986; Artificial Intelligence Chapter, 1987- ; Monsanto Science Park Dedication Committee, 1987-88

AIChE Design Institute for Physical Property Data (DIPPR), Organizing Committee, 1977-78; Chairman, Data Compilation Steering Committee, 1978-85; Administrative Committee, 1978-85; Technical Committee and Monsanto Technical Representative, 1978- ; Acetic Acid-Water Experimental Data Steering Committee, 1979-82; Mixture Experimental Data Steering Committee, 1983- ; AIChE Committee to Consider DIPPR Structure and Bylaws, 1984-85; Computer Dissemination Subcommittee, 1984- ; Data Compilation Steering Committee, 1985- ; Electrolyte Data Steering Committee, 1985- ; Transport Properties Database Steering Committee, 1987- ; Long-Range Planning Committee, 1987-

Publications and Presentations

- A. H. Larsen, C. S. Lu and C. J. Pings, "Thermodynamics of Chemical Equilibrium -- V. Multiple-Reaction and Open Systems," Chem. Eng. Sci. 23, 289 (1968).
- A. H. Larsen and C. J. Pings, "Counting Graphs of Interest in Statistical Mechanics, Including Nonadditivity Effects," J. Chem. Phys. 49, 72 (1968).
- A. H. Larsen and C. J. Pings, "Comments on Gibbs' Equation: The Condition for Chemical Equilibrium in Open Systems," Chem. Eng. Education 8, 70 (Spring 1974).
- H. H. Chien and A. H. Larsen, "Calculation of Multistage Multiphase Reacting Systems in Crystallization," Ind. Eng. Chem. Process Design Develop. 13, 299 (July 1974).
- A. H. Larsen, "Discussions of the Ad Hoc Sessions," in Phase Equilibria and Fluid Properties in the Chemical Industry, Estimation and Correlation, T. S. Sturvick and S. I. Sandler, eds., proceedings of symposium held Jan. 16-21, 1977, ACS Symposium Series 60, American Chemical Society, Washington, DC (1977), p. 510.
- A. H. Larsen, "Symposium Summary: Industrial View," presented at Phase Equilibria and Fluid Properties in the Chemical Industry, symposium, Asilomar, CA (Jan. 16-21, 1977), and published in Phase Equilibria and Fluid Properties in the Chemical Industry, Estimation and Correlation, T. S. Sturvick and S. I. Sandler, eds., ACS Symposium Series 60, American Chemical Society, Washington, DC (1977), p. 515.
- A. H. Larsen, "Computerized Liquid Enthalpy Correlation for Process Simulation," paper presented at AIChE St. Louis Section Symposium '77 (Mar. 29, 1977).
- A. H. Larsen, "Process Simulation Using FLOWTRAN," seminar presented at U. Missouri Columbia (Nov. 3, 1977).
- A. H. Larsen, "Conference Summary: Industry," presented at Second International Conference, Phase Equilibria and Fluid Properties in the Chemical Industry, West Berlin (Mar. 17-21, 1980), and published in Phase Equilibria and Fluid Properties in the Chemical Industry, Proceedings, Part II. Manuscripts of Invited Papers, DECHEMA Frankfurt (1980), p. 993.
- A. H. Larsen, "Session Summary: Thermophysical and Transport Properties," presented at Foundations of Computer-Aided Chemical Process Design, international conference, Henniker, NH (Jul. 6-11, 1980), and published in Foundations of Computer-Aided Chemical Process Design, R. S. H. Mah and W. D. Seider, eds., Vol. II, Engineering Foundation, New York (1981), p. 113.

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A. H. Larsen, "Physical Property Computation Tradeoffs," Computing and Systems Technology Newsletter 3 (2), 9 (Nov. 1980).

A. H. Larsen, "Obtaining and Handling Physical Property Data at Monsanto," paper presented at American Chemical Society national meeting, Kansas City, MO Sept. 1982).

A. H. Larsen, "FLOWTRAN for Process Simulation," Chapter 22, Part IV of Computer-Aided Process Plant Design, M. E. Leesley, ed., Gulf Pub. Co., Houston, TX (1982), p. 475.

A. H. Larsen, "Significance of the DIPPR Data Compilation," paper presented at AIChE Annual Meeting, Los Angeles, CA (Nov. 15, 1982).

A. H. Larsen, "Trends in Economic Pressures and Government Constraints," paper presented at the Third International Conference on Fluid Properties and Phase Equilibria for Chemical Process Design, Callaway Gardens, GA (Apr. 10-15, 1983), and published in Fluid Phase Equilibria 14, 409 (1983).

A. H. Larsen, "Data Quality for Chemical Process Design," paper presented at American Chemical Society annual meeting, Washington, DC (Aug. 1983).

A. H. Larsen, "Problems in Thermodynamics and Phase Equilibria," in Thermodynamic Needs for the Decade Ahead, proceedings of a National Science Foundation workshop, Vol. 1, National Science Foundation, Washington, DC (1983), p. 166.

T. B. Selover, A. H. Larsen and D. A. Palmer, "Status Report on DIPPR in its Fifth Year," paper presented at American Chemical Society meeting, St. Louis, MO (Apr. 1984).

A. H. Larsen, "Data Quality for Process Design," paper presented at the Fourth International Conference on Fluid Properties and Phase Equilibria for Chemical Process Design, Helsingor, Denmark (May 11-16, 1986), and published in Fluid Phase Equilibria 29, 47 (1986).

R. L. Green, A. H. Larsen and A. C. Pauls, "Selecting Heat Transfer Fluids for Indirect Heat Transfer," Chem. Eng. (1988), in press.

Internal Monsanto publications and presentations (1969-1987):

- 6 Corporate Engineering Department Reports
- 7 Corporate Engineering Department Technical Briefs
- 15 FLOWTRAN Technical Notes
- 2 Internal published papers
- 4 Other reports
- 28 Contributions to Quarterly Interpretations of the Engineering Literature
- 12 Technical seminars
- 56 Workshops

A. H. Larsen
February 1988

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ACS, Task Force to Monitor Journal of Chemical and Engineering Data, 1987

ProChem Users Group, Monsanto Representative, 1985-

Fourth International Conference on Fluid Properties and Phase Equilibria for Chemical Process Design, Organizing Committee, 1985-86

Thermodynamics Research Laboratory, Washington University, Monsanto Representative, 1977-85

National Bureau of Standards Workshop, "The Effect of Computers on the Generation and Use of Technical Data," 1984

National Science Foundation Workshop, "Thermodynamic Needs for the Decade Ahead--Theory and Experiment," 1983

Third International Conference on Fluid Properties and Phase Equilibria for Chemical Process Design, Organizing Committee, 1982-83; Chairman, Panel Discussion on "The Influence of Changing Resources and Economic Forces," 1983

Affiliate Professor of Chemical Engineering, Washington University, 1978-80

Manufacturing Chemists Association, Engineering Advisory Committee, Vice Chairman, Thermodynamic and Physical Data Subcommittee, 1977-78

Fluid Properties Research, Inc. (FPRI), Monsanto Representative, 1973-78; Technical Committee, 1975-78; Technical Advisory Committee, 1975-78; Board of Directors, 1977-78; Vice President, 1977-78

AIChE, National Professional Development Committee, 1974-78; Chairman, St. Louis Section Continuing Education and Professional Development Committee, 1974-78

References: Available on request