

Dr. Dale C. Cameron
Director of Medical Services

Dr. E. J. Engberg, Superintendent

December 13, 1954

Additional Information to that Contained
in Dr. Paine's Report of Survey.

Attached is information relative to the School and Patient Activities Department, the Librarian and the Chaplain. These are not mentioned in Dr. Paine's report and I believe they may have been omitted through an oversight. If not, you may desire the data for your own information.

Extra copies are included should you wish to distribute them to members of the Survey and Medical Policy Committees. I regret the delay in submitting this data, as well as the comments contained in another memorandum of this date on Dr. Paine's report. I trust the information reaches you in sufficient time and will serve the purpose you intended when requesting it.

EJE:gb

Attach.

ADDITIONAL INFORMATION
on
MINNESOTA SCHOOL AND COLONY

Biographical Sketch of Edward J. Engberg, M. D., Superintendent

Office Address: Minnesota School and Colony, Station A, Faribault, Minnesota.

Medical Education: University of Minnesota Medical School, 1909, 1913.

Honorary Fraternity: Alpha Omega Alpha - 1915

License to Practice Medicine: Minnesota State Medical Board of Examiners, June 1913

Internship: Mounds Park Sanitarium, St. Paul, June 1913 - June 1914.

Private Practice: Limited to Neuro-psychiatry except for a period of war service until accepted present position as Superintendent of Minnesota School and Colony, July 1, 1937. Became associated with Dr. Charles E. Ball upon completing internship. Later Dr. Joel C. Hultkrans became associated with us. After Dr. Ball's death in 1933, continued the association with Dr. Hultkrans until accepted present position. For several years served as member of St. Paul City Dispensary staff in Nervous and Mental Diseases. Was appointed teaching assistant in the Department of Neurology, University of Minnesota Medical School in 1915 and resigned in 1919 because could not give time required.

Hospital Staff Positions: Mounds Park Sanitarium from June 1914; Midway Hospital from 1920; Bethesda Hospital from 1914; Children's Hospital from 1929; St. Joseph's Hospital from about 1920; Miller Hospital from 1933. Resigned all of these appointments July 1, 1937. Was Neurological consultant in Gillette State Hospital, 1920 to 7-1-37 and Neuro-psychiatric consultant at Northern Pacific Hospital, 1933 to 7-1-37. All of these hospitals are in St. Paul, Minnesota.

Army Service: From the U.S. Army Medical Reserve Corp was assigned to the Neuro-psychiatric Units for active duty in December 1917. After completing assignment to the Philadelphia Post Graduate School for Neurology and after serving as a member of Neuro-psychiatric teams at Camp Beauregard in Louisiana and Camp Doniphan in Oklahoma was assigned as Neurologist to Base Hospital 65 and served as such in Kertmon, France for several months and then made adjutant to the commanding officer for the remainder of the time in service in France. Upon returning to the states, served as the Neurologist at U. S. Army General Hospital #16, Detroit, Michigan to the time of honorable discharge as Captain Medical Corp, U. S. Army in May 1919.

Membership in Medical and Other Scientific Societies:

Member Ramsey County Medical Society, 1914 - 37.

Member State Medical Association, Since 1914.

Fellow American Medical Association, Since 1914.

Member Rice County Medical Society, since 1937 (President 1949)

Member Minnesota Society of Neurology and Psychiatry, since 1914 (Sec'y. 1924)
(Pres. 1925)

Fellow American Association on Mental Deficiency, since 1938 (Pres. 1951-1952)

Life Fellow American Psychiatric Association, since 1917 (now a life fellow).

Member Central Neuropsychiatric Association, since 1922.

Member Southern Minnesota Medical Association, since 1920. (Received 1938 award for the best paper presented at annual meeting).

Member Minnesota Human Genetics League, since 1953.

Certified by American Specialty Board, Neurology and Psychiatry, December 1939.
 Certified Hospital Administrator by Minnesota State Board of Health (annual registration renewal August 1964).
 Certified by A.P.A. as Mental Hospital Administrator - May 1954.

Medical Papers or Books Published:

Epidemic Cerebrospinal Meningitis, Minnesota Medicine - November 1920
 The Treatment of Psychiatric Patients in Private Practice, Minnesota Medicine - September 1929.
 Palliative Treatment of Tic-Douloureux, Minnesota Medicine - April 1935.
 Human Hereditary Defects, Minn. Medicine - March 1939
 Sterilization of Mental Defectives in Minnesota, Published in proceedings American Association for the Study of Mental Deficiency, 1939, Vol. 2.
 The Treatment of Mental Defectives in Minnesota, Minnesota Medicine - May 1940
 The Problem of Controlling Tuberculosis in a Public Institution - American Journal of Mental Deficiency - January 1945.
 In Service Training for Employees of Institutions for Mental Defectives, American Journal of Mental Deficiency - April 1946.
 Report of a Threatened Diphtheria Epidemic in an Institution, American Journal of Mental Deficiency - April 1947.
 A Survey of Papers dealing with Administration, American Journal of Mental Deficiency, July 1948.
 Keeping in Step, American Journal of Mental Deficiency - April 1952.
 The Institution's Role in Public Education, American Journal of Mental Deficiency July 1952. (Presidential address).
 Advances in the Field of Mental Health (unpublished paper presented as main address at the Annual Meeting of the Montana Mental Health Society held in Helena March 27-28, 1954. The Society will use excerpts of this for public education to support bond issues to be voted on at the election in November. These are to provide funds for needed new construction at the State Mental Hospital at Warm Springs and the Institution for Mental Defectives at Boulder, Montana).

Other Activities:

Member of State Board of Medical Examiners, 2-9-29, and Sec'y from 7-10-30 to 5-19-36.
 Member of Minnesota State Board of Health and Vital Statistics from 6-26-35 to 7-1-37, when resigned as had accepted present position in State Service.
 Member District Medical Advisory Board World War II.
 Member Faribault, Minnesota Lodge #1166 B.P.O. Elks.
 Non-resident member St. Paul Athletic Club.
 Member Faribault Lodge #9 A.F. and A.M.
 Member Phi Rho Sigma Medical Fraternity
 Member Faribault Chamber of Commerce
 Member Faribault Rotary Club
 Honorary Member Sertoma Club, St. Paul, Minnesota.
 Member American Legion Post #43, Faribault.
 President, Rice County Tuberculosis and Health Association.
 Director, Minnesota Tuberculosis and Health Association.
 Chairman, Rice County Medical Advisory Board to Selective Service.
 Psychiatrist Member of Psychiatrist-Architect team, Mental Hospital architectural study project, American Psychiatric Association Mental Hospital Service. (A 2 year project financed by Rockefeller Foundation).

MINNESOTA SCHOOL & COLONY
Faribault, Minnesota

SCHOOL DEPARTMENT

The School Department is charged with the full responsibility of the education of two groups, - the trainable and the educable. The former are severely retarded with IQ's of less than 50, while our group of the educable constitutes a small but difficult group. They have been admitted here directly or by transfer from the Owatonna State School as they have other handicaps, in addition to mental deficiency, sufficiently severe to render them incapable of self-support. They include cripples, blind, children with serious behavior disorders and those who are so deformed they are very repulsive in appearance.

Qualifications and Experience of Staff:

William E. Roewer, B.S. plus 27 graduate credits in Education of Mentally Handicapped, Wisconsin State College, Milwaukee, Wisconsin. Four years teacher of mentally handicapped, Southern Colony, Union Grove, Wisconsin. Three years as principal of Minnesota School and Colony, Faribault, Minnesota.

Olive Lynch, B.S. in Education of Mentally Handicapped, University of Minnesota, Elementary Teacher, Minnesota School and Colony, Faribault, Minnesota, and Assistant Principal, Minnesota School and Colony for two years.

Arlene Weber, B.S. in Education of Deaf, Gallaudet College, Washington, D.C. Two years as Teacher of Deaf, Minnesota School and Colony, Faribault, Minnesota.

3 Elementary Teachers, Basic Certification as public school teachers in the 1920's, 25-30 years experience Minnesota School and Colony, Faribault, Minnesota.

Materials and Equipment:

Materials used are all regular and special educational materials and are available in good supply. Maico "Trainear" for hard of hearing classes. General classroom equipment fair, some replacements and additions needed in furnishings.

Educational Tests Used:

Metropolitan Readiness and Achievement tests given annually by principal and assistant principal. Other tests available through psychology department.

MINNESOTA SCHOOL & COLONY
Faribault, Minnesota

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Program Includes Following Groups, each Averaging about Ten Children:

- Two groups of beginners.
- One group ungraded academic grades 1-6.
- Four groups of Nursery-Kindergarten (Diagnostic, and pre-school).
- Four groups of Trainable (severely retarded IQ 30-50).
- Two groups of Deaf or Hard of Hearing.
- Four groups with Multiple Handicaps.

Additional Personnel Needed to Provide a Complete Program:

Two teachers for so called trainable or severely mentally retarded children,

(These children live in four new dormitories distant from present school building. These two additional teachers are needed to supplement the work done in these buildings by the one teacher now assigned to them. There are over four hundred children in this area and it is a most fertile field for research in this neglected field of education. The results of this research study could be of great value in all other educational channels for severely retarded children, as well as being utilized in our own classes.)

Two nursery-kindergarten teachers to improve and increase present program.

Two handicraft instructors at the professional level of an industrial teacher.

One male teacher for young adults who have missed school opportunities.

One female teacher for similar young adults.

If all of the above personnel were added, about 100 could have their programs increased from the present inadequate time of $1\frac{1}{2}$ hours to the desirable three hours per day; at least an additional 100 trainable children now needing it could be brought into the school program. About 200 young adults who could benefit materially thereby could be given additional school training, and this could be conducted during non-working hours. Among them are some who will become self-supporting and return to their own communities.

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PATIENT ACTIVITIES DEPARTMENT

The Patient Activities Department is under the supervision of Mr. Raymond C. Roach, classified as a Patient Program Supervisor I. The personnel in his department consists of a Patient Placement Agent, responsible for assignment of patient helpers to various institutional industries such as kitchen, laundry, dairy, etc.; 7 Patient Activities Leaders I; 7 Patient Activities Workers; 1 Cosmetic Therapist; 5 Handicraft Instructors; and 1 Music Teacher. Two barbers are employed and probably shall be transferred to this department shortly. The department is responsible for all recreational and leisure time activities, the participation by patient helpers in the industries of the institution and the supervision of volunteer workers.

The handicraft instructor and the music teacher are assigned to work in the School Department part-time. This arrangement is at present necessary, but inadequate.

CHAPLAIN

Religious instructions and services are conducted by a full-time chaplain, who is a Protestant, and by a part-time Catholic chaplain. The local Ministers of all faiths are interested and available on call when needed.

LIBRARIAN

A full time librarian conducts library services, including those for school classes as well as to all dormitories. She also has charge of the medical library and of all professional journals and books.

V. Psychological Department
(Supplement)

1. & 2. Qualifications and experience of staff.

Arnold A. Madow---Clinical Psychologist

B.S.S. City College of New York, 1945.
Graduate study (90 credits), Indiana University, 1946-49.
(Candidate for Ph.D., pending completion of thesis.)
Internship, Worcester (Mass.) State Hospital, 1949-50.
Psychologist, Columbus (Ohio) State School, 1950-51.
Clinical Psychologist, Minnesota School & Colony, 1951--.

John M. Throne---Psychologist

M.A. University of Florida, 1951.
Intern, Minnesota School & Colony, 1951-52.
Psychologist, Minnesota School & Colony, 1952--.

James P. Daniel---Psychologist

M.A., Emory University, 1951.
Has completed course work for Ph.D. at Duke University.
Intern, Duke University Hospital, 3 months in 1952.
Intern, Roanoke V.A. Hospital, 3 months in 1953.
Psychologist, Minnesota School & Colony, 1954--.

5. Test materials

(A) Intelligence Tests

Revised Stanford-Binet Scale, 1937, Form L (2 sets)
Revised Stanford-Binet Scale, 1937, Form M (2 sets)
Wechsler-Bellevue Adult Intelligence Scale, Form I
Wechsler-Bellevue Adult Intelligence Scale, Form II
Wechsler Intelligence Scale for Children
Cattell Infant Intelligence Scale
Merrill-Palmer Scale
Arthur Performance Scale, Form II
Ontario School Ability Examination
Chicago Non-verbal Examination
Kent EGY Test
Ammons Picture Vocabulary Test
Goodenough "Draw-A-Man" Test

(B) Educational Tests

Metropolitan Achievement Tests
Metropolitan Readiness Tests
Munroe Reading Aptitude Test
Cates Reading Tests
Wide Range Achievement Test

(C) Vocational Training Tests

Revised Minnesota Paper Form-Board Test
Minnesota Vocational Test For Clerical Workers
Kuder Preference Record

(D) Sensory Tests

The chief psychologist performs audiometry on referral or when indicated.
For the purpose an audiometer is borrowed from the Minnesota School for
the Deaf.

(E) Other Tests

Rorschach
Minnesota Multiphasic Personality Inventory
Make-A-Picture-Story Test
Thematic Apperception Test
Children's Apperception Test
Sentence Completion Test
Word Association Test
Rogers Test of Personality Adjustment
Goldstein-Scheerer Tests
Bender-Gestalt Test
Wechsler-Memory Scale
Vineland Social Maturity Scale

7. Types of recommendations

Recommendations are made by the psychology department relevant to school training, work program, special occupational or recreational programs, community placement, referral for special medical diagnosis or therapy, and psychotherapy.

Clinical Diagnoses of Patients in

Minnesota School and Colony, December 31, 1953

	Males		Females		Total	
	No.	%	No.	%	No.	%
Familial	354	(22.1)	416	(26.4)	770	(24.2)
Mongolism	192	(12.0)	151	(9.6)	343	(10.8)
With developmental cranial anomalies	30	(1.9)	30	(1.9)	60	(1.9)
With Congenital cerebral spastic paralysis	141	(8.8)	123	(7.8)	264	(8.3)
Post-infectious	43	(2.7)	32	(2.0)	75	(2.4)
Post-traumatic	18	(1.1)	17	(1.1)	35	(1.1)
With epilepsy	10	(0.6)	4	(0.3)	14	(0.4)
With endocrine disorder	12	(0.7)	29	(1.8)	40	(1.3)
Undifferentiated	308	(50.2)	776	(49.2)	1084	(49.7)
TOTAL	1605		1576		3181	

Age Distribution of Patients in
Minnesota School and Colony, December 31, 1953

	MALES		FEMALES		TOTAL	
	No.	%	No.	%	No.	%
Under 5 years	9	(.6)	24	(1.5)	33	(1.0)
5 to 9 years	97	(6.0)	88	(5.6)	185	(5.8)
10-14	192	(12.0)	127	(8.1)	319	(10.0)
15-19	208	(13.0)	134	(8.5)	342	(10.8)
20-24	192	(12.0)	153	(9.7)	345	(10.8)
25-29	163	(10.2)	194	(12.3)	357	(11.2)
30-34	161	(10.0)	170	(10.8)	331	(10.4)
35-39	133	(8.3)	146	(9.3)	279	(8.8)
40-44	121	(7.6)	144	(9.1)	265	(8.3)
45-49	105	(6.5)	111	(7.0)	216	(6.8)
50-54	85	(5.3)	88	(5.6)	173	(5.4)
55-59	55	(3.4)	82	(5.3)	137	(4.3)
60-64	45	(2.8)	62	(3.9)	107	(3.4)
65-69	25	(1.6)	30	(1.9)	55	(1.7)
70-74	8	(0.5)	9	(0.6)	17	(0.5)
75-79	6	(0.4)	10	(0.6)	16	(0.5)
80-84			3	(0.2)	3	(0.1)
85 years and over			1	(0.1)	1	-----
Total	1,605		1,576		3,181	

Mental Status of Patients in

Minnesota School and Colony, December 31, 1953

	Male		Female		Total	
	No.	%	No.	%	No.	%
Moron	292	(18.2)	354	(24.4)	676	(21.8)
Imbecile	851	(53.0)	769	(48.8)	1620	(50.9)
Idiot	462	(28.8)	423	(26.8)	885	(27.8)
Total	1,605		1,576		3,181	