

INSANE? GLANDS DID IT, CLAIMS LATEST SCHOOL

Experts on Feeble-Minded Say Most Crimes Result From Glands Gone Wrong.

STATE MUST PROTECT

By FREDERIC J. HASKIN.

CHICAGO, Ill., July 16.—There may soon come a time when criminals will be treated and cured as sick persons, according to Dr. Madeline A. Hallowell, former medical director and superintendent of the New Jersey State Institution for Feeble-Minded.

Her talk on defective delinquents was one of the most interesting features of the four days' convention recently held by the national conference on the education of the truant, backward, dependent and delinquent children and the American Association of Public Officials of Charity and Correction.

The convention was called for the purpose of organizing a national council of public welfare to have jurisdiction over the various reform organizations throughout the country.

Like most reform conventions they met with the idea of organizing the貫tion, but in this case a more, but unlike most, they were neither sentimental nor indignant over its deplorable shortcomings.

They simply turned the cold, clear light of science upon them.

They were a group of psychiatrists, physicians, criminologists and practical educators who had advanced in their work that one almost felt tempted to be a criminal for the sake of their scientific and improving care.

But, according to Dr. Hallowell, you are not likely to be a criminal if your ductless glands are all right.

This is hard to understand, as the average person is hardly aware that he has any glands, living either a nervous and sinister life inside of him, and even doctors have not arrived at more than a vague understanding of us realize.

HOLD GLANDS RESPONSIBLE.

"It is like this," said Dr. Hallowell. "One person who gets into a rage will not even think of murdering the one who has provoked him."

"Another person will think of murder, but will have enough self-control to refrain from it."

"A third person who has been angered will lose all sense of control and commit murder."

"Later he will be unable to understand what has happened to him to make him do such a thing."

"The different ways in which these

people are affected by anger are simply due to a quantitative difference in their chemical reactions to the emotion of anger."

When people feel anger or fear or some other strong emotion the chemical composition of the blood is always changed.

And in certain criminals and feeble-minded this chemical reaction, or change in the degree of alkalinity of the blood is different from that of normal human beings.

The alkali in the blood comes from the secretions of certain ductless glands, particularly the thyroid gland, the excessive growth of which often causes goitre, and the suprarenal gland above the kidneys.

It is believed that these people can be brought back to normal by being given extracts of the dried glands to which they are deficient.

Dr. Hallowell says that so far they have not been successful in their attempts to reform the erring by treating their wayward ductless glands, but that they have every expectation of obtaining results in time.

The experiment is still in its infancy. For a long time, of course, they have treated feeble-minded patients by the same methods with very marked results.

THREE TYPES OF FEEBLE-MINDED.

"From the pathological standpoint," says Dr. Hallowell, "feeble-mindedness may be divided into three categories: The normative or organic type in which the structure of the brain cells has developed abnormally due to some inherited condition; the traumatic type, in which the structure of the brain cells has been injured due to some shock or lesion before or after birth, and the functional type, in which the structure of the brain cells is complete but the brain does not react normally to appropriate sensations."

"In the nervous system and the brain are perfect structurally, but are prevented from proper function by some extraneous cause."

"The first two types must be regarded as hopeless because it is impossible with our present limited knowledge to supply brain tissue or to restore that which has been permanently injured."

"The feeble-mindedness of the functional type, however, is due largely to the chemical condition of the body."

"When this condition is treated by giving extracts of the deficient glands the patient is often very much improved."

"Since it has been learned that many criminals have an abnormal chemical condition of the blood caused by the same glands whose deficient functioning causes certain kinds of idiocy, it seems only logical that they can be improved by being treated in the same way."

"All this is enough to make the average harmless citizen feel an uneasy interest in his glands."

"Imagine being suddenly moved, after years of patient suffering, to rise up and slay the person who sits next to you at a concert and rattles his program."

"You may have thought of doing this often but nothing short of a ductless gland would cause you to be so impulsive."

"This makes it twice the size of an ordinary egg."

Very Good, if True

SPRINGFIELD, Ill., July 16.—G. L. McCullough, a feeble-minded man, has been permanently injured.

"The feeble-mindedness of the functional type, however, is due largely to the chemical condition of the body."

"When this condition is treated by giving extracts of the deficient glands the patient is often very much improved."

"Since it has been learned that many criminals have an abnormal chemical condition of the blood caused by the same glands whose deficient functioning causes certain kinds of idiocy, it seems only logical that they can be improved by being treated in the same way."

"All this is enough to make the average harmless citizen feel an uneasy interest in his glands."

"Imagine being suddenly moved, after years of patient suffering, to rise up and slay the person who sits next to you at a concert and rattles his program."

"You may have thought of doing this often but nothing short of a ductless gland would cause you to be so impulsive."

"This makes it twice the size of an ordinary egg."

"Who knows when a ductless gland

might get out of repair?"

"According to a learned book by Dr. W. A. White, superintendent of the St. Elizabeth Hospital for the Insane in Washington, these glands are very numerous and of a furtive nature."

"There have no apparent outlets or secretions, but they have a marked effect upon the growth, physique and mentality by their hidden secretions, which enter the blood in some unknown manner."

"Among these glands is the pituitary, a small pea-shaped gland at the base of the brain, an abnormality of which causes goitre, and the suprarenal gland above the kidneys."

"We owe the glands of our circus side shows to changes in the pituitary gland."

"When the thyroid and thymus glands at the base of the neck are deficient in their secretionscretinism results; that is, the type of idiocy connected with dwarfed stature, short neck, thick lips and clumsy gait."

"Some wonderful cures ofcretinism have been accomplished by giving extracts of the thyroid gland."

Diseases of the sexual glands cause numerous forms of insanity.

Certain cases of sadism, which is responsible for so many violent crimes, have been shown to be accompanied by a disease of the joints, and there is an unexplained connection between them.

Sexual is a frequent cause of insanity and crime, as is exemplified by the parrot who shot Major Gaynor.

Altogether these glands have anything but a pleasant history, and we can all rejoice that Dr. Hallowell and so many other advanced physicians and psychiatrists are turning their attention to them.

The protection of the moral integrity and the conservation of the mental virility of its citizens are primary and inherent functions of government," says Dr. Hallowell.

"The state is socially responsible for the ills that menace society, and their final elimination must be undertaken as a public duty."

"Feeble-mindedness has always been regarded as a social plague, but not until modern science revealed the extent to which it threatens the welfare of the state were we, as a people, willing to face it as a great social problem."

"Modern social service has developed a philosophy of public action towards the socially unfit that is based not alone on sentiment but also on scientific method of approach to the problem of mental deficiency that fully warrants our establishing a comprehensive program for the adequate provision for and protection against mental defectives."

"The state is socially responsible for the ills that menace society, and their final elimination must be undertaken as a public duty."

"Feeble-mindedness has always been regarded as a social plague, but not until modern science revealed the extent to which it threatens the welfare of the state were we, as a people, willing to face it as a great social problem."

"Modern social service has developed a philosophy of public action towards the socially unfit that is based not alone on sentiment but also on scientific method of approach to the problem of mental deficiency that fully warrants our establishing a comprehensive program for the adequate provision for and protection against mental defectives."

"The state is socially responsible for the ills that menace society, and their final elimination must be undertaken as a public duty."

"Feeble-mindedness has always been regarded as a social plague, but not until modern science revealed the extent to which it threatens the welfare of the state were we, as a people, willing to face it as a great social problem."

"Modern social service has developed a philosophy of public action towards the socially unfit that is based not alone on sentiment but also on scientific method of approach to the problem of mental deficiency that fully warrants our establishing a comprehensive program for the adequate provision for and protection against mental defectives."

"The state is socially responsible for the ills that menace society, and their final elimination must be undertaken as a public duty."

"Feeble-mindedness has always been regarded as a social plague, but not until modern science revealed the extent to which it threatens the welfare of the state were we, as a people, willing to face it as a great social problem."

"Modern social service has developed a philosophy of public action towards the socially unfit that is based not alone on sentiment but also on scientific method of approach to the problem of mental deficiency that fully warrants our establishing a comprehensive program for the adequate provision for and protection against mental defectives."

"The state is socially responsible for the ills that menace society, and their final elimination must be undertaken as a public duty."

"Feeble-mindedness has always been regarded as a social plague, but not until modern science revealed the extent to which it threatens the welfare of the state were we, as a people, willing to face it as a great social problem."

"Modern social service has developed a philosophy of public action towards the socially unfit that is based not alone on sentiment but also on scientific method of approach to the problem of mental deficiency that fully warrants our establishing a comprehensive program for the adequate provision for and protection against mental defectives."

"The state is socially responsible for the ills that menace society, and their final elimination must be undertaken as a public duty."

"Feeble-mindedness has always been regarded as a social plague, but not until modern science revealed the extent to which it threatens the welfare of the state were we, as a people, willing to face it as a great social problem."

"Modern social service has developed a philosophy of public action towards the socially unfit that is based not alone on sentiment but also on scientific method of approach to the problem of mental deficiency that fully warrants our establishing a comprehensive program for the adequate provision for and protection against mental defectives."

"The state is socially responsible for the ills that menace society, and their final elimination must be undertaken as a public duty."

"Feeble-mindedness has always been regarded as a social plague, but not until modern science revealed the extent to which it threatens the welfare of the state were we, as a people, willing to face it as a great social problem."

"Modern social service has developed a philosophy of public action towards the socially unfit that is based not alone on sentiment but also on scientific method of approach to the problem of mental deficiency that fully warrants our establishing a comprehensive program for the adequate provision for and protection against mental defectives."

"The state is socially responsible for the ills that menace society, and their final elimination must be undertaken as a public duty."

"Feeble-mindedness has always been regarded as a social plague, but not until modern science revealed the extent to which it threatens the welfare of the state were we, as a people, willing to face it as a great social problem."

"Modern social service has developed a philosophy of public action towards the socially unfit that is based not alone on sentiment but also on scientific method of approach to the problem of mental deficiency that fully warrants our establishing a comprehensive program for the adequate provision for and protection against mental defectives."

"The state is socially responsible for the ills that menace society, and their final elimination must be undertaken as a public duty."

"Feeble-mindedness has always been regarded as a social plague, but not until modern science revealed the extent to which it threatens the welfare of the state were we, as a people, willing to face it as a great social problem."

"Modern social service has developed a philosophy of public action towards the socially unfit that is based not alone on sentiment but also on scientific method of approach to the problem of mental deficiency that fully warrants our establishing a comprehensive program for the adequate provision for and protection against mental defectives."

"The state is socially responsible for the ills that menace society, and their final elimination must be undertaken as a public duty."

"Feeble-mindedness has always been regarded as a social plague, but not until modern science revealed the extent to which it threatens the welfare of the state were we, as a people, willing to face it as a great social problem."

"Modern social service has developed a philosophy of public action towards the socially unfit that is based not alone on sentiment but also on scientific method of approach to the problem of mental deficiency that fully warrants our establishing a comprehensive program for the adequate provision for and protection against mental defectives."

"The state is socially responsible for the ills that menace society, and their final elimination must be undertaken as a public duty."

"Feeble-mindedness has always been regarded as a social plague, but not until modern science revealed the extent to which it threatens the welfare of the state were we, as a people, willing to face it as a great social problem."

"Modern social service has developed a philosophy of public action towards the socially unfit that is based not alone on sentiment but also on scientific method of approach to the problem of mental deficiency that fully warrants our establishing a comprehensive program for the adequate provision for and protection against mental defectives."

"The state is socially responsible for the ills that menace society, and their final elimination must be undertaken as a public duty."

"Feeble-mindedness has always been regarded as a social plague, but not until modern science revealed the extent to which it threatens the welfare of the state were we, as a people, willing to face it as a great social problem."

"Modern social service has developed a philosophy of public action towards the socially unfit that is based not alone on sentiment but also on scientific method of approach to the problem of mental deficiency that fully warrants our establishing a comprehensive program for the adequate provision for and protection against mental defectives."

"The state is socially responsible for the ills that menace society, and their final elimination must be undertaken as a public duty."

"Feeble-mindedness has always been regarded as a social plague, but not until modern science revealed the extent to which it threatens the welfare of the state were we, as a people, willing to face it as a great social problem."

"Modern social service has developed a philosophy of public action towards the socially unfit that is based not alone on sentiment but also on scientific method of approach to the problem of mental deficiency that fully warrants our establishing a comprehensive program for the adequate provision for and protection against mental defectives."

"The state is socially responsible for the ills that menace society, and their final elimination must be undertaken as a public duty."

"Feeble-mindedness has always been regarded as a social plague, but not until modern science revealed the extent to which it threatens the welfare of the state were we, as a people, willing to face it as a great social problem."

"Modern social service has developed a philosophy of public action towards the socially unfit that is based not alone on sentiment but also on scientific method of approach to the problem of mental deficiency that fully warrants our establishing a comprehensive program for the adequate provision for and protection against mental defectives."

"The state is socially responsible for the ills that menace society, and their final elimination must be undertaken as a public duty."

"Feeble-mindedness has always been regarded as a social plague, but not until modern science revealed the extent to which it threatens the welfare of the state were we, as a people, willing to face it as a great social problem."

"Modern social service has developed a philosophy of public action towards the socially unfit that is based not alone on sentiment but also on scientific method of approach to the problem of mental deficiency that fully warrants our establishing a comprehensive program for the adequate provision for and protection against mental defectives."

"The state is socially responsible for the ills that menace society, and their final elimination must be undertaken as a public duty."

"Feeble-mindedness has always been regarded as a social plague, but not until modern science revealed the extent to which it threatens the welfare of the state were we, as a people, willing to face it as a great social problem."

"Modern social service has developed a philosophy of public action towards the socially unfit that is based not alone on sentiment but also on scientific method of approach to the problem of mental deficiency that fully warrants our establishing a comprehensive program for the adequate provision for and protection against mental defectives."

"The state is socially responsible for the ills that menace society, and their final elimination must be undertaken as a public duty."

"Feeble-mindedness has always been regarded as a social plague, but not until modern science revealed the extent to which it threatens the welfare of the state were we, as a people, willing to face it as a great social problem."

"Modern social service has developed a philosophy of public action towards the socially unfit that is based not alone on sentiment but also on scientific method of approach to the problem of mental deficiency that fully warrants our establishing a comprehensive program for the adequate provision for and protection against mental defectives."

"The state is socially responsible for the ills that menace society, and their final elimination must be undertaken as a public duty."

"Feeble-mindedness has always been regarded as a social plague, but not until modern science revealed the extent to which it threatens the welfare of the state were we, as a people, willing to face it as a great social problem."

"Modern social service has developed a philosophy of public action towards the socially unfit that is based not alone on sentiment but also on scientific method of approach to the problem of mental deficiency that fully warrants our establishing a comprehensive program for the adequate provision for and protection against mental defectives."

"The state is socially responsible for the ills that menace society, and their final elimination must be undertaken as a public duty."

"Feeble-mindedness has always been regarded as a social plague, but not until modern science revealed the extent to which it threatens