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Guide to the Carl R. Moore Papers 1916-1974



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Descriptive Summary

Identifier	ICU.SPCL.MOORECR
Title	Carl R. Moore. Papers
Date	1916-1974
Size	0.75 linear feet (2 boxes)
Repository	Special Collections Research Center University of Chicago Library 1100 East 57th Street Chicago, Illinois 60637 U.S.A.
Abstract	Carl Richard Moore (1892-1955) Professor of Zoology and endocrinologist. The papers includes biographical information, conference proceedings, offprints of articles, and other writings.

Information on Use

Access

The collection is open for research.

Citation

When quoting material from this collection, the preferred citation is: Moore, Carl R. Papers, [Box #, Folder #], Special Collections Research Center, University of Chicago Library

Biographical Note

Born in 1892, Carl Richard Moore spent his early life in the Ozark region of Missouri and attended Drury College in Springfield, MO. During his college years, Moore became interested in biology and, particularly, reproductive biology. He received his B.S. and M.S. degrees from Drury College and completed his doctoral studies in the department of Zoology at the University of Chicago. Under the mentorship of Frank R. Lillie, a founder of the field of embryology, Moore researched the effects of hormones in mammals. He received his Ph.D. in 1918 and joined the faculty of the department of Zoology at the University of Chicago, where he worked until his death in 1955. Moore made significant contributions to the field of mammalian endocrinology; he was part of the team of University of Chicago researchers that first isolated testosterone in 1920. With fellow researcher Dorothy Price, he theorized the “push-pull” interactions between the pituitary gland and sex glands, which provided insight into the complexities of fertility in mammals.

Scope Note

The Carl R. Moore papers consist of 0.75 linear feet of material from the years 1916-1972. The papers have been divided into two series—Series I: Biographical Material and Series II: Writings. Series I includes a biographical administrative document, a history of the Department of Zoology at the University of Chicago, and a “biographical memoir” of Moore’s life written by his advisee and fellow researcher Dorothy Price. Series II consists of reprints of journal articles, conference proceedings, book reviews, and brief biographies of Frank R. Lillie, all written by Moore.

Related Resources

The following related resources are located in the Department of Special Collections:

University of Chicago. Department of Zoology. Records

Lillie, Frank R. Papers

Subject Headings

- Moore, Carl Richard, 1892-
- Lillie, Frank R.
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- University of Chicago. Department of Zoology
- Zoology
-
- Zoologists

INVENTORY

Series I: Biographical Materials

Box 1

Folder 1

Biographical Materials

Series II: Writings

Box 1

Folder 2

Articles, 1916-1922

- “On the Superposition of Fertilization on Parthenogenesis,” *Biological Bulletin*, 1916
- “On the Capacity for Fertilization After the Initiation of Development,” 1917
- “On the Physiological Properties of the Gonads as Controllers of Somatic and Psychological Characteristics: I. The Rat,” *The Journal of Experimental Zoology*, 1919

- “On the Physiological Properties of the Gonads as Controllers of Somatic and Psychical Characteristics: II. Growth of Gonadectomized Male and Female Rats,” *The Journal of Experimental Zoology*, 1919
- “The Production of Artificial Hermaphrodites in Mammals,” *Science*, 1920
- “On the Physiological Properties of the Gonads as Controllers of Somatic and Psychical Characteristics: III. Artificial Hermaphroditism in Rats,” *The Journal of Experimental Zoology*, 1921
- “On the Physiological Properties of the Gonads as Controllers of Somatic and Psychical Characteristics: IV. Gonad Transplantation in the Guinea-Pig,” *The Journal of Experimental Zoology*, 1921.
- “On the Physiological Properties of the Gonads as Controllers of Somatic and Psychical Characteristics: V. The Effects of Gonadectomy in the Guinea Pig, on Growth, Bone Lengths, and Weight of Organs of Internal Secretion,” *The Journal of Experimental Zoology*, 1922.

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Folder 3

Articles, 1924-1926

- “The Behavior of the Germinal Epithelium in Testis Grafts and in Experimental Cryptorchid Testes (Rat and Guinea Pig),” *Science*, 1924
- “Experiments on the Sheep Testis—Cryptorchidism, Vasectomy and Scrotal Insulation,” *The American Journal of Physiology*, 1924
- “The Scrotum as a Temperature Regulator for the Testes,” *The American Journal of Physiology*, 1924
- “The Behavior of the Testis in Transplantation, Experimental Cryptorchidism, Vasectomy, Scrotal Insulation, and Heat Application,” *Endocrinology*, 1924
- “The Behavior of the Testis Under Varying Experimental Conditions and the Function of the Scrotum; Transplantation, Cryptorchidism, Vasectomy,” *Minnesota Medicine*, 1924
- “Properties of the gonads as controllers of somatic and psychical characteristics: VI. Testicular reactions in experimental cryptorchidism,” *American Journal of Anatomy*, 1924
- “Properties of the gonads as controllers of somatic and psychical characteristics: VII. Vasectomy in the rabbit,” *American Journal of Anatomy*, 1924
- “Properties of the gonads as controllers of somatic and psychical characteristics: VIII. Heat application and testicular degeneration; the function of the scrotum,” *American Journal of Anatomy*, 1924
- “Sex Determination and Sex Differentiation in Birds and Mammals,” *The American Naturalist*, 1925
- “The Biology of the Mammalian Testis and Scrotum,” *The Quarterly Review of Biology*, 1926

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Folder 4

Articles, 1926-1929

- “On the Effects of Sex Hormones in Determining the Sex Ratio: A Criticism of Kovacs’ Paper,” *American Journal of Obstetrics and Gynecology*, 1926

- “On the properties of the gonads as controllers of somatic and psychical characteristics: IX. Testis-graft reactions in different environments (rat),” *American Journal of Anatomy*, 1926
- “The Activity of Displaced Testes and its Bearing on the Problem of the Function of the Scrotum,” *The American Journal of Physiology*, 1926
- “The Relation of the Scrotum to Germ Cell Differentiation in Gonad Grafts in the Guinea Pig,” *The American Naturalist*, 1926
- “Social Replacement of Experimental Cryptorchid Testes and the Recovery of Spermatogenetic Function (Guinea Pig),” *Biological Bulletin*, 1926
- “A Qualitative Indicator for the Testis Hormone,” *Proceedings of the Society for Experimental Biology and Medicine*, 1927
- “On the properties of the gonads as controllers of somatic and psychical characteristics: X. Spermatozoon activity and the testis hormone,” *Journal of Experimental Zoology*, 1928
- “On the Properties of the gonads as controllers of somatic and psychical characteristics: XI. Hormone production in the normal testes, cryptorchid testes, and non-living testis grafts as indicated by the spermatozoon mobility test,” *Biological Bulletin*, 1928
- “On the Effects of Injecting Lipoid Extracts of Bull Testes into Castrated Guinea Pigs,” *The American Journal of Physiology*, 1928
- “Studies on the Testicle with Especial Reference to Transplantation,” *The Nebraska State Medical Journal*, 1929

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Articles, 1929-1931

- “On the Prevention of Castration Effects in Mammals By Testis Extract Injection,” *The American Journal of Physiology*, 1929
- “The Effects of Extracts of Testis in Correcting the Castrated Condition in the Fowl and in the Mammal,” *Endocrinology*, 1929
- “Seminal-vesicle and prostate function as a testis-hormone indicator; the electric ejaculation test,” *American Journal of Anatomy*, 1930
- “Rat-prostate cytology as a testis-hormone indicator and the prevention of castration changes by testis-extract injections,” *American Journal of Anatomy*, 1930
- “Rat seminal-vesicle cytology as a testis-hormone indicator and the prevention of castration changes by testis-extract injection,” *American Journal of Anatomy*, 1930
- “The Physiologic Effects of Non-living Testis Grafts,” *The Journal of the American Medical Association*, 1930
- “The Question of Sex Hormone Antagonism,” *Proceedings of the Society for Experimental Biology and Medicine*, 1930, (co-author: Dorothy Price)
- “Threshold Relationships of the Testis Hormone Indicators in Mammals; the Rat Unit,” *The Journal of Pharmacology and Experimental Therapeutics*, 1930
- “The Action of Testis Hormone in Correcting Changes Induced in the Rat Prostate and Seminal Vesicles by Vitamine B Deficiency or Partial Inanition,” *The American Journal of Physiology*, 1930 (co-author: L. T. Samuels)
- “A Study of the Testicle: Effects of Increased Temperature, Transplantation and Hormone Production,” *The Transactions of the American Association of Genito-Urinary Surgeons*, 1930

- “Supplementary observations on mammalian testis activity: I. Vasa-efferentia ligation; II. Atypical scrota,” *The Anatomical Record*, 1931

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Articles, 1931-1936

- “The Regulation of Production and the Function of the Male Sex Hormone,” *The Journal of the American Medical Association*, 1931
- “A Critique of Sex Hormone Antagonism,” *The Proceedings of the Second International Congress for Sex Research*, 1930
- “Some Effects of Fresh Pituitary Homo-implants and the Gonad-stimulating Substance from Human Pregnancy Urine on the Reproductive Tract of the Male Rat,” *The American Journal of Physiology*, 1931
- “Gonad hormone functions, and the reciprocal influence between gonads and hypophysis with its bearing on the problem of sex-hormone antagonism,” *The American Journal of Anatomy*, 1932
- “The Biology of the Testis,” *Sex and Internal Secretions*, 1932
- “On the control of reproductive activity in an annual breeding mammal (*Citellus tridecemlineatus*),” *The Anatomical Record*, 1934
- “Testicular Biology, Scrotal Function and the Male Sex Hormone,” *The New England Journal of Medicine*, 1935
- “The Testis Hormone,” *The Journal of the American Medical Association*, 1935
- “Hormonal Mechanisms in the Control of Reproductive Phenomena,” *The Transactions on the Dynamics of Development*, 1935
- “Responses of immature rat testes to gonadotropic agents,” *The American Journal of Anatomy*, 1936

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Articles, 1937-1940

- “Some Effects of Synthetically Prepared Male Hormone (Androsterone) in the Rat,” *Endocrinology*, 1937
- “Testis Hormone Secretion and Some Effects of the Hormone in the Organism,” *Cold Spring Harbor Symposia on Quantitative Biology*, 1937
- “Science at the University of Chicago,” *Science*, 1938
- “Cutaneous Absorption of Sex Hormones,” *The Journal of the American Medical Association*, 1938
- “Endocrines and Male Reproductive Behavior,” *Proceedings of the American Society of Animal Production*, 1938
- “Biology of the Testes,” *Sex and Internal Secretions*, 1939
- “Modification of Sexual Development in the Opossum by Sex Hormones,” *Proceedings of the Society for Experimental Biology and Medicine*, 1939
- “Gonadotropic Substances and Male Hormone Effects in the Organism,” *The Journal of Urology*, 1939
- “Physiology of the Testes and Therapeutic Application of Male Hormone,” *Bulletin of the New York Academy of Medicine*, 1940

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Articles, 1940-1942

- “Opossum pouch young as experimental material,” *The Anatomical Record*, 1940
- “The Testis Hormone,” *The Cyclopedia of Medicine*, 1940
- “On the Role of Sex Hormones in Sex Differentiation in the Opossum (*Didelphys virginiana*),” *Physiological Zoology*, 1941
- “Effects of Testosterone Propionate on Embryonic Ducts in the Rat,” *Archives Internationales de Pharmacodynamie et de Therapie*, 1941
- “The Influence of Hormones on the Development of the Reproductive System,” *The Journal of Urology*, 1941
- “Embryonic differentiation of opossum prostate following castration, and responses of the juvenile gland to hormones,” *The Anatomical Record*, 1941
- “The Physiology of the Testis and Application of the Male Sex Hormone,” *The Journal of Urology*, 1942
- “Physiology of the Testis,” *The Journal of the American Medical Association*, 1942
- “Differentiation of embryonic reproductive tissues of the rat after transplantation into post-natal hosts,” *Experimental Zoology*, 1942
- “Comparative Biology of Testicular and Ovarian Hormones,” *Biological Symposia*, 1942

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Folder 9

Articles, 1943-1947

- “First Response of Developing Opossum Gonads to Equine Gonadotropic Treatment,” *Endocrinology*, 1943
- “Sexual differentiation in the opossum after early gonadectomy,” *The Journal of Experimental Zoology*, 1943
- “Gonad Hormones and Sex Differentiation,” *The American Naturalist*, 1944
- “Sex Endocrines in Development and Prepuberal Life,” *The Journal of Clinical Endocrinology*, 1944
- “Hormone Secretion by Experimental Cryptorchid Testes,” *The Yale Journal of Biology and Medicine*, 1944
- “Prostate gland induction in the female opossum by hormones and the capacity of the gland for development,” *The American Journal of Anatomy*, 1945
- “The role of sex hormones in the origin and development of uterine glands in the opossum,” *The Journal of Experimental Zoology*, 1946
- “Ovarian Activity in Mammals Subsequent to Chemical Injury,” *Physiological Zoology*, 1947
- “Embryonic Sex Hormones and Sexual Differentiation,” *American Lectures in Endocrinology*, 1947
- “Sexual behavior in the human male,” *Science*, 1947

Box 2

Folder 1

Articles, 1948-1954

- “A study at high altitude of reproduction, growth, sexual maturity, and organ weights,” *The Journal of Experimental Zoology*, 1948
- “Hormones and Behavior,” *Ecology*, 1948

- “Functional Endocrinology: Androgens and Growth Phenomena,” Proceedings of the First National Cancer Conference, 1949
- “Reconsiderations of the Influence of Genetic Factors and Steroid Hormones in Sex Differentiation,” A Symposium on Steroid Hormones, 1950
- “The Role of the Fetal Endocrine Glands in Development,” The Journal of Clinical Endocrinology, 1950
- “Experimental Studies on the Male Reproductive System,” The Journal of Urology, 1951
- “Patterns of Sexual Behavior,” Science, 1951
- “Biologic Background of Male Sterility,” Fertility and Sterility, 1952
- “Adrenal Cortical Secretions in Relation to the Reproductive System of Rats,” The Journal of Clinical Endocrinology and Metabolism, 1953
- “Physiology of the Testis and Scrotum,” Urology, 1954

Box 2

Folder 2

Drury College Commencement Address, 1941

Box 2

Folder 3

Frank R. Lillie, biographies by Carl R. Moore, 1948

Box 2

Folder 4

La Differentiation Sexuelle Chez les Vertebres, Paris Conference

- Proceedings, 1951