

Rockefeller University records, Special Events and Activities, Alfred E. Mirsky Christmas Lectures, Tapes

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Rockefeller Archive Center

15 Dayton Avenue Sleepy Hollow 10591

archive@rockarch.org

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Summary Information

Repository: Rockefeller Archive Center

Creator: Rockefeller Institute for Medical Research

Creator: Rockefeller University

Title: Rockefeller University records, Special Events and Activities, Alfred

E. Mirsky Christmas Lectures, Tapes

ID: FA876

Date [inclusive]: 1968-2001

Physical Description: 58 tapes audio tapes, reels and 1 letter-size document box.

General Physical

Description note:

7 boxes.

Language of the

English

Material:

Preferred Citation note

Information regarding the Rockefeller Archive Center's preferred elements and forms of citation can be found at http://www.rockarch.org/research/citations.php

Scope and Contents

Addition to 1982 AEM Christmas Lectures on Science: [21 Apr 1986. Received from S.W. Mirsky. Joel E. Cohen.* An Uncertainty Principle in Demography and the Unisex Issue." American Statistician 40 (1986 Feb) 32-39. Reprint. *...Previous versions of this work were presented in the 1982 Alfred E. Mirsky Lectures in [should be 'on'] Science at Rockefeller University..." w/handwritten note attached by Joel Cohen/Sonya W. Mirsky, 13 April 1986].

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[^] Return to Table of Contents

Arrangement

Chronological by date of creation.

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File Plan note

Former Classification: I 600-5.

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Administrative Information

Publication Statement

Rockefeller Archive Center

15 Dayton Avenue Sleepy Hollow 10591 archive@rockarch.org

URL: http://www.rockarch.org

Conditions Governing Access

Collection open to public.

When requesting to view audiovisual material, please refer to the Title and the AV Number (example: AV 1916). Researchers are asked to check the "Restrictions" note for each Title. If a Title does not currently have an access copy, please contact a RAC archivist for further instruction.

Conditions Governing Use

In order for a Tape to be used, permission must be obtained from the lecturer.

The digitized access copies are intended for education and research purposes. The current copyright status of these materials has been described, to the best of our knowledge, in the associated archival

descriptions. It is the user's responsibility to abide by all applicable provisions of the United States copyright law.

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Related Materials

Related Materials

Also see:

Rockefeller University records, Lectures and Research Colloquia (FA229) Rockefeller University records, Special Events and Activities, Alfred E. Mirsky Christmas Lectures, Tapes (FA876)

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Controlled Access Headings

- Vivisection
- Genetics
- DNA
- Biology -- Research
- Medicine, Preventive
- Medical care
- China
- Cell and biomolecular sciences
- Medical research
- Medical sciences
- Seitz, Frederick

Collection Inventory

Christmas lectures, 1968-1989, 2001

Related Archival Materials note:

Related Archival Materials note

See also: Alfred E. Mirsky papers

Biographical/Historical note

The Christmas Lectures were started at The Rockefeller University in 1959 under the guidance of Alfred E. Mirsky. For a complete history see the Alfred E. Mirsky papers. After Dr. Mirsky's death in June 1974 the lectures were renamed The Alfred E. Mirsky Christmas Lectures on Science.

The taping of the Christmas Lectures began in 1968. Originally they were taped, numbered and stored consecutively with other taped University events. Since 1972 Christmas Lecture tapes are handled as an individual series. In the Archives, starting with the 1968 tapes, the series is kept as a discreet unit. A very few of the earliest lectures can be found with the papers of the scientist who delivered the lecture. Catalog card descriptions should bring together all those that are available in the archives.

1959-1975	
1959	René Dubos: The Unseen World
1960	Paul Weiss: Living Forms
1961	Lyman Craig, Stanford Moore, William Stein: On Separating Things
1962	Mark Kac: Chance and Regularity
1963	Sam Goudsmit: Light and Quanta
1964	James Hirsch: White Cells
1965	Alfred E. Mirsky, Vincent G. Allfrey: The Cell Nucleus
1966	Donald Griffin: Animal Navigation and Communication
1967	Peter Marler: Social Behavior of Monkevs and Apes
1968	Igor Tamm, Purnell Choppin: Viruses In and Out of Cells
1969	No lecture
1970	James Hirsch, Zanvil Cohn: White Cells
1971	Vincent Dole: Drug Addiction
1972	Roger Payne: Whales

1973	Bruce McEwen: Hormones and the Brain
1974	Armin C. Braun: An Introduction to the Biology of Cancer
1975	Floyd Ratliff: Vision and the Retina

Scope and Contents note

Addition to 1982 AEM Christmas Lectures on Science: [21 Apr 1986. Received from S.W. Mirsky. Joel E. Cohen.* An Uncertainty Principle in Demography and the Unisex Issue." American Statistician 40 (1986 Feb) 32-39. Reprint. *...Previous versions of this work were presented in the 1982 Alfred E. Mirsky Lectures in [should be 'on'] Science at Rockefeller University..." w/handwritten note attached by Joel Cohen/Sonya W. Mirsky, 13 April 1986].

Custodial History note:

Custodial History note

Received 1974 and later.

Arrangement

Chronological by date of creation.

Title/Description	Instances	
Igor Tamm, Purnell Choppin: Viruses In And Out Of Cells, 1968	box 1	reel AV 6929

December 28-29

Creator: Choppin, Purnell W.

Creator: Tamm, I. E. (Igor Evgenevich)

Conditions Governing Access:

Conditions Governing Access

Access copy available.

Conditions Governing Use:

Conditions Governing Use

Permission must be obtained by copyright holder for use.

Zanvil Cohn: White Cells, 1970 December 29 box 1 reel AV 6926

Creator: Cohn, Zanvil

Conditions Governing Access:

Conditions Governing Access

Access copy available.

Permission must be obtained by copyright holder for use.

Vincent Dole: Drug Addiction - Part 1, 1971 December 27

box 1

reel AV 6927

Creator: Dole, Vincent

Conditions Governing Access:

Conditions Governing Access

Access copy available.

Conditions Governing Use:

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Vincent Dole: Drug Addiction - Part 2, 1971 December 28

box 1

reel AV 6928

Creator: Dole, Vincent

Conditions Governing Access:

Conditions Governing Access

Access copy available.

Conditions Governing Use:

Conditions Governing Use

Permission must be obtained by copyright holder for use.

Roger Payne: Whales - Part 1, 1972 December 27

box 1

reel AV 6930

Creator: Payne, Roger, 1935-

Conditions Governing Access:

Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Conditions Governing Use:

Conditions Governing Use

Permission must be obtained by copyright holder for use.

Roger Payne: Whales - Part 2, 1972 December 27

box 1

reel AV 6931

Creator: Payne, Roger, 1935-

Conditions Governing Access:

Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Permission must be obtained by copyright holder for use.

Roger Payne: Whales - Part 3, 1972 December 28

box 1

reel AV 6932

Creator: Payne, Roger, 1935-

Conditions Governing Access:

Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Conditions Governing Use:

Conditions Governing Use

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Roger Payne: Whales - Part 4, 1972 December 28

box 1

reel AV 6933

Creator: Payne, Roger, 1935-

Conditions Governing Access: Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Conditions Governing Use:

Conditions Governing Use

Permission must be obtained by copyright holder for use.

Bruce McEwen: Hormones And The Brain - Part 1 and 3 (Reel 1),

box 1

reel AV 6920

Creator: McEwen, Bruce S.

1973 December 27-28

Conditions Governing Access:

Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Conditions Governing Use:

Conditions Governing Use

Permission must be obtained by copyright holder for use.

Bruce McEwen: Hormones And The Brain - Part 2 and 4 (Reel

box 1

reel AV 6921

Conditions Governing Access:

2), 1973 December 27-28

Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Conditions Governing Use

Permission must be obtained by copyright holder for use.

Armin C. Braun: An Introduction To The Biology Of Cancer -

box 1

reel AV 6924

Part 1, 1974 December 30-31, <u>Creator</u>: Braun, Armin C.

Conditions Governing Access:

Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Conditions Governing Use:

Conditions Governing Use

Permission must be obtained by copyright holder for use.

Armin C. Braun: An Introduction To The Biology Of Cancer -

box 1

reel AV 6925

Part 2, 1974 December 31 Creator: Braun, Armin C.

Conditions Governing Access:

Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Conditions Governing Use:

Conditions Governing Use

Permission must be obtained by copyright holder for use.

Floyd Ratliff: Vision And The Retina - Part 1, 1975 December 29

box 1

reel AV 6922

Conditions Governing Access:

Creator: Ratliff, Floyd

Conditions Governing Access

Access copy available.

Conditions Governing Use:

Conditions Governing Use

Permission must be obtained by copyright holder for use.

Floyd Ratliff: Vision And The Retina - Part 2, 1975 December 29

box 1

reel AV 6923

Creator: Ratliff, Floyd

Conditions Governing Access:

Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Conditions Governing Use:

Conditions Governing Use

Permission must be obtained by copyright holder for use.

Floyd Ratliff: Vision And The Retina - Part 3, 1975 December 30

box 2

reel AV 6902

Conditions Governing Access:

Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Conditions Governing Use:

Conditions Governing Use

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Floyd Ratliff: Vision And The Retina - Part 4, 1975 December 30

box 2

reel AV 6903

Creator: Ratliff, Floyd

Conditions Governing Access:

Conditions Governing Access

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Conditions Governing Use:

Conditions Governing Use

Permission must be obtained by copyright holder for use.

Christian De Duve: A Guided Tour Of The Living Cell - Part 1,

box 2

reel AV 6916

1976 December 27

Creator: De Duve, Christian

Conditions Governing Access:

Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Conditions Governing Use:

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Christian De Duve: A Guided Tour Of The Living Cell - Part 2,

box 2

reel AV 6915

1976 December 28

<u>Creator</u>: De Duve, Christian <u>Conditions Governing Access:</u>

box 4

Conditions Governing Access

Access copy available.

Conditions Governing Use:

Conditions Governing Use

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The Verbal Machinery of Thinking - George E. Miller. Complete

Typescript of Four Lectures, 1977 December 27-28

Creator - aut: Miller, George E.

Scope and Contents

Only question period is available as audio.

George Miller: The Vebral Machinery Of Thinking - Part 1, 1977 box 2 reel AV 6917

December 27

Creator: Miller, George E.

Conditions Governing Access:

Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Scope and Contents

An error was made in the taping of this program. Only the question and answer period was taped. Complete transcript of the lecture is available.

Conditions Governing Use:

Conditions Governing Use

Permission must be obtained by copyright holder for use.

George Miller: The Vebral Machinery Of Thinking - Part 2, 1977 box 2 reel AV 6918

December 28

Creator: Miller, George E.

Conditions Governing Access:

Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Scope and Contents

An error was made in the taping of this program. Only the question and answer period was taped. Complete transcript of the lecture is available.

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E.G.D. Cohen: Molecules In Motion: The Kinetic Theory Of

box 2

reel AV 6909

Matter - Part 1, 27 December 1978

Creator: Cohen, E.D.G., Dr.

Conditions Governing Access:

Conditions Governing Access

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Conditions Governing Use:

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E.G.D. Cohen: Molecules In Motion: The Kinetic Theory Of

box 2

reel AV 6910

Matter - Part 2, 1978 December 27

Creator: Cohen, E.D.G., Dr.

Conditions Governing Access: Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Conditions Governing Use:

Conditions Governing Use

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E.G.D. Cohen: Molecules In Motion: The Kinetic Theory Of

box 2

box 2

reel AV 6911

Matter - Part 3, 1978 December 28 <u>Creator</u>: Cohen, E.D.G., Dr.

Conditions Governing Access: Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Conditions Governing Use:

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E.G.D. Cohen: Molecules In Motion: The Kinetic Theory Of

ory Oi

reel AV 6912

Matter - Part 4, 1978 December 28

Creator: Cohen, E.D.G., Dr.

Conditions Governing Access:

Conditions Governing Access

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Conditions Governing Use:

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Biochemical Horizons with a Focus on Protein Chemistry -

box 4

box 2

Stanford Moore - Handout, 1980 December 29-30

Creator - aut: Moore, Stanford

Stanford Moore: Biochemical Horizons, With A Focus On Protein

reel AV 6913

Chemistry - Part 1, 1980 December 29-30

Creator: Moore, Stanford

Conditions Governing Access:

Conditions Governing Access

Access copy available.

Conditions Governing Use:

Conditions Governing Use

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Stanford Moore: Biochemical Horizons, With A Focus On Protein box 2

reel AV 6914

Chemistry - Part 2, 1980 December 29-30

Creator: Moore, Stanford

Conditions Governing Access: Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Conditions Governing Use:

Conditions Governing Use

Permission must be obtained by copyright holder for use.

Samuel C. Silverstein: White Blood Cells - Part 1, 29 December

box 2

reel AV 6904

Creator: Silverstein, Samuel C.

Conditions Governing Access:

Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Scope and Contents

Lecture 1: Their structure. Lecture 2: How they eat and drink

Conditions Governing Use:

Conditions Governing Use

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Samuel C. Silverstein: White Blood Cells - Part 2, 30 December 1981

box 2

reel AV 6905

Creator: Silverstein, Samuel C.

Conditions Governing Access:

Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Scope and Contents

Lecture 3: Defense against microbes and tumors. Lecture 4: Legionnaires disease.

Conditions Governing Use:

Conditions Governing Use

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Fernando Nottebohm: Brains - Part 1, 1983 December 28

box 3

reel AV 6906

<u>Creator</u>: Nottebohm, Fernando

Conditions Governing Access:

Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Scope and Contents

Lecture 1. Learning to Sing - Birdsong as a complex motor skill. Lecture 2. Two Brains in One - Functions of the two hemispheres and the riddle of consciousness.

Conditions Governing Use:

Conditions Governing Use

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Fernando Nottebohm: Brains - Part 2, 1983 December 29

box 3

reel AV 6907

<u>Creator</u>: Nottebohm, Fernando

Conditions Governing Access:

Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Scope and Contents

Lecture 3. Sex and the Brain - Male and brains show interesting anatomical differences.

Conditions Governing Use:

Conditions Governing Use

Permission must be obtained by copyright holder for use.

Fernando Nottebohm: Brains - Part 3, 1983 December 29

box 3

reel AV 6908

Creator: Nottebohm, Fernando

Conditions Governing Access:

Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Scope and Contents

Lecture 4. Replaceable Neurons - Some types of adult brain neurons are constantly replaced by other neurons born in adulthood.

Conditions Governing Use:

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Emil C. Gotschlich: The Ecology and Molecular Biology of

Bacterial Diseases - Part 1, 1984 December 26

1

Tape AV 6953

Creator: Gotschlich, Emil C.

Conditions Governing Access:

Conditions Governing Access

Access copy available.

Scope and Contents

Introduction by Paul F. Cranefield. Lecture 1. Bacterial Diseases - The Rules of the Game.

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Emil C. Gotschlich: The Ecology and Molecular Biology of

Bacterial Diseases - Part 2, 1984 December 26

Tape AV 6952

Creator: Gotschlich, Emil C.

Conditions Governing Access:

Conditions Governing Access

Access copy available.

Scope and Contents

Lecture 2. Gonococcus - The Professional.

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Emil C. Gotschlich: The Ecology and Molecular Biology of

Bacterial Diseases - Part 3, 1984 December 27

Tape AV 6954

Creator: Gotschlich, Emil C.

Conditions Governing Access:

Conditions Governing Access

Access copy available.

Scope and Contents

Lecture 3. Cholera Bacillus - A Man for All Seasons

Conditions Governing Use:

Conditions Governing Use

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Emil C. Gotschlich: The Ecology and Molecular Biology of

Bacterial Diseases - Part 4, 1984 December 27

Tape AV 6955

Creator: Gotschlich, Emil C.

Conditions Governing Access:

Conditions Governing Access

Access copy available.

Scope and Contents

Lecture 4. Vaccines - Of Mice and Men.

Permission must be obtained by copyright holder for use.

Dr. Martin Carter: Skin: Our Protective Envelope - Part 1, 1985

December 26

1

1

Creator: Carter, D. Martin (David Martin), 1936-

Conditions Governing Access:

Conditions Governing Access

Access copy available.

Scope and Contents

Lecture 1: Barrier - How the filamentuous keratin layer of the skin controls fluid loss and drug absorption. Lecture 2: Color - How pigment cells migrate and synthesize and transfer melanin.

Conditions Governing Use:

Conditions Governing Use

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Dr. Martin Carter: Skin: Our Protective Envelope - Part 2, 1985

December 27

Tape AV 6942

Tape AV

6943

Creator: Carter, D. Martin (David Martin), 1936-

Conditions Governing Access:

Conditions Governing Access

Access copy available.

Scope and Contents

Lecture 3: Healing - How the healing of wounds is enhanced by "Artificial skin" and biosynthetic dressings.

Conditions Governing Use:

Conditions Governing Use

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Dr. Martin Carter: Skin: Our Protective Envelope - Part 3, 1985

December 27

1 Tape AV 6941

Creator: Carter, D. Martin (David Martin), 1936-

Conditions Governing Access:

Conditions Governing Access

Access copy available.

Scope and Contents

Lecture 4: Repair - How cells repair DNA damage caused by ultraviolet, x rays, and chemicals.

Conditions Governing Use:

Conditions Governing Use

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An Uncertainty Principle in Demography and the Unisex Issue, 1986

box 4

Related Materials:

Related Materials

Reprint from The American Statistician, 1986, Volume 40, Number 1

Rodney L. Cool: Quarks - The Fundamental Constituents Of

box 3

reel AV 6934

Matter? - Part 1, 1985 December 26

Creator: Cool, Rodney L.

Conditions Governing Access:

Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Conditions Governing Use:

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Rodney L. Cool: Quarks - The Fundamental Constituents Of

Matter? - Part 2, 1986 December 26

box 3

Reel AV 6935

Creator: Cool, Rodney L.

Conditions Governing Access:

Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Conditions Governing Use:

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Emil Thomas Kaiser: Enzymes - Structure, Function, Design, And

Construction - Part 1, 1987 December 29?

Tape AV 6951

Creator: Kaiser, Emil Thomas

Creator: Cranefield, Paul F. (Paul Frederic)

Conditions Governing Access:

1

Conditions Governing Access

Access copy available.

Scope and Contents

First part of Kaiser's lecture part enzymes delivered to a high school audience in the Caspary Auditorium at RockefellerUniversity in 1987 as part of the Alfred E. Mirsky Christmas Lecture Series. Kaiser is introduced by Paul Cranefield.

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Emil Thomas Kaiser: Enzymes - Structure, Function, Design, And

Tape AV 6947

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1

Construction - Part 2, 1987 December 29

<u>Creator</u>: Kaiser, Emil Thomas

Conditions Governing Access:

Conditions Governing Access

Access copy available.

Scope and Contents

Tape 2

Conditions Governing Use:

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Emil Thomas Kaiser: Enzymes - Structure, Function, Design, And

Construction - Part 3, 1987 December 30?

Tape AV 6944

Creator: Kaiser, Emil Thomas

Conditions Governing Access:

Conditions Governing Access

Access copy available.

Scope and Contents

Continuing lecture from tape AV 6951. Kaiser summarizes the first and second part of the lecture from the previous day. In the third part of Kaiser's lecture about enzymes he discusses where the scientific field is in designing and constructing enzymes.

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Emil Thomas Kaiser: Enzymes - Structure, Function, Design, And

Construction - Part 4?, 1987 December 29?

Tape AV 6946

Conditions Governing Access:

Conditions Governing Access

Access copy available.

Scope and Contents

Possible Alternate Title: "Emil Thomas Kaiser: Enzymes - Structure, Function, Design, And Consstruction, 1987

December 28-29

Ralph M. Steinman: T-Cell Mediated Immunity - Part 1, 1988

1

1

Tape AV 6956

Creator: Steinman, Ralph M.

Conditions Governing Access:

Conditions Governing Access

Access copy available.

Conditions Governing Use:

Conditions Governing Use

1/4 inch audio cassette

Ralph M. Steinman: T-Cell Mediated Immunity - Part 2, 1988

1

Tape AV 6957

<u>Creator</u>: Steinman, Ralph M. <u>Conditions Governing Access:</u>

Conditions Governing Access

Access copy available.

Conditions Governing Use:

Conditions Governing Use

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Ralph M. Steinman: T-Cell Mediated Immunity - Part 3, 1988

1

Tape AV 6958

Creator: Steinman, Ralph M.

Conditions Governing Access: Conditions Governing Access

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Christmas Lecture - Part 1, 1989 1 Tape AV 6945

Conditions Governing Access:

Conditions Governing Access

Access copy available.

Conditions Governing Use:

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Christmas Lecture - Part 2, 1989 1 Tape AV 6948

Conditions Governing Access:

Conditions Governing Access

Access copy available.

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Christmas Lecture - Part 3, 1989 1 Tape AV 6949

Conditions Governing Access:

Conditions Governing Access

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Christmas Lecture - Part 4, 1989 1 Tape AV 6950

Conditions Governing Access:

Conditions Governing Access

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Thomas Sakmar: Tune On, Tune In: The Human Genome, box 4

Molecular Switches and Signaling, 2001

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