



# **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](mailto:archive@rockarch.org)

URL: <http://www.rockarch.org>

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## Summary Information

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<b>Repository:</b>	Rockefeller Archive Center
<b>Creator:</b>	Rockefeller Institute for Medical Research
<b>Creator:</b>	Rockefeller University
<b>Title:</b>	Rockefeller University records, Special Events and Activities, Alfred E. Mirsky Christmas Lectures, Tapes
<b>ID:</b>	FA876
<b>Date [inclusive]:</b>	1968-2001
<b>Physical Description:</b>	58 tapes audio tapes, reels and 1 letter-size document box.
<b>General Physical Description note:</b>	7 boxes.
<b>Language of the Material:</b>	English

### 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>

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## Scope and Contents

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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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## Arrangement

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Chronological

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## File Plan note

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Former Classification: I 600-5.

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## Administrative Information

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### Publication Statement

Rockefeller Archive Center

15 Dayton Avenue

Sleepy Hollow 10591

[archive@rockarch.org](mailto:archive@rockarch.org)

URL: <http://www.rockarch.org>

### Conditions Governing Access

Records more than 25 years old are open for research with select materials restricted as noted. Brittle or damaged items are available at the discretion of RAC. Researchers interested in accessing digital media (floppy disks, CDs, DVDs, etc.) or audiovisual material (audio cassettes, VHS, etc.) in this collection must use an access surrogate. The original items may not be accessed because of preservation concerns. To request an access surrogate be made, or if you are unsure if there is an access surrogate, please contact an archivist.

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## Controlled Access Headings

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- Vivisection
- Genetics
- DNA
- Biology -- Research
- Medicine, Preventive
- Medical care
- China
- Cell and biomolecular sciences
- Medical research
- Medical sciences
- Seitz, Frederick
- MacLeod, Colin M. (Colin Munro)
- Avery, Oswald Theodore
- McCarty, Maclyn

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## Collection Inventory

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### 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 Monkeys 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.

### Title/Description

### Instances

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Viruses In and Out of Cells, 1968 December 28-29

box 1

reel AV 6929

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.

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White Cells, 1970 December 29

box 1

reel AV 6926

Creator: Cohn, Zanvil

Conditions Governing Access:

**Conditions Governing Access**

Access copy available.

Conditions Governing Use:

**Conditions Governing Use**

Permission must be obtained by copyright holder for use.

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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:

**Conditions Governing Use**

Permission must be obtained by copyright holder for use.

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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.

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WHALES I, 27 December 1972

Creator: Payne, Roger, 1935-

box 1

1/4 inch  
audio tape  
AV 6930

Conditions Governing Access:

**Conditions Governing Access**

RAC is unable to provide access to obsolete media. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

WHALES II, 27 December 1972

box 1

1/4 inch  
audio tape  
AV 6931

Creator: Payne, Roger, 1935-

Conditions Governing Access:

**Conditions Governing Access**

RAC is unable to provide access to obsolete media. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

WHALES III, 28 December 1972

box 1

1/4 inch  
audio tape  
AV 6932

Creator: Payne, Roger, 1935-

Conditions Governing Access:

**Conditions Governing Access**

RAC is unable to provide access to obsolete media. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

WHALES IV, 28 December 1972

box 1

1/4 inch  
audio tape  
AV 6933

Creator: Payne, Roger, 1935-

Conditions Governing Access:

**Conditions Governing Access**

RAC is unable to provide access to obsolete media. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

ROGER PAYNE, 1972

1/4 inch  
audio cassette  
AV 6919

Creator: Payne, Roger, 1935-

Conditions Governing Access:



## Conditions Governing Access

RAC is unable to provide access to obsolete media. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

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HORMONES AND THE BRAIN I, 27-28 December 1973

box 1

1/4 inch  
audio tape  
AV 6920

Creator: McEwen, Bruce S.

Conditions Governing Access:

## Conditions Governing Access

RAC is unable to provide access to obsolete media. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

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HORMONES AND THE BRAIN II, 27-28 December 1973

box 1

1/4 inch  
audio tape  
AV 6921

Conditions Governing Access:

## Conditions Governing Access

RAC is unable to provide access to obsolete media. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

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AN INTRODUCTION TO THE BIOLOGY OF CANCER I, 30 December 1974

box 1

1/4 inch  
audio tape  
AV 6924

Creator: Braun, Armin C.

Conditions Governing Access:

## Conditions Governing Access

RAC is unable to provide access to obsolete media. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

---

AN INTRODUCTION TO THE BIOLOGY OF CANCER II, 31 December 1974

box 1

1/4 inch  
audio tape  
AV 6925

Creator: Braun, Armin C.

Conditions Governing Access:

## Conditions Governing Access

RAC is unable to provide access to obsolete media. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of

Archival Services or RAC Head of Digital Programs for details.

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Vision and the Retina - Part 1, 1975 December 29	box 1	reel AV 6922
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Creator: Ratliff, Floyd

Conditions Governing Access:

**Conditions Governing Access**

Access copy available.

Conditions Governing Use:

**Conditions Governing Use**

Permission must be obtained by copyright holder for use.

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Vision and the Retina - Part 2, 1975 December 29	box 1	reel AV 6923
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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**

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Vision and the Retina - Part 3, 1975 December 30	box 2	reel AV 6902
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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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Vision and the Retina - Part 4, 1975 December 30	box 2	reel AV 6903
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Creator: Ratliff, Floyd

Conditions Governing Access:

**Conditions Governing Access**

Access copy available.

Conditions Governing Use:

## Conditions Governing Use

Permission must be obtained by copyright holder for use.

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A GUIDED TOUR OF THE LIVING CELL I, 27 December 1976	box 2	1/4 inch audio tape AV 6916
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Creator: De Duve, Christian

Conditions Governing Access:

### Conditions Governing Access

RAC is unable to provide access to obsolete media. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

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A Guided Tour of the Living Cells - Part 2, 1976 December 28	box 2	reel AV 6915
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Creator: De Duve, Christian

Conditions Governing Access:

### Conditions Governing Access

Access copy available.

Conditions Governing Use:

### Conditions Governing Use

Permission must be obtained by copyright holder for use.

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THE VERBAL MACHINERY OF THINKING - George E. Miller. Complete Typescript of Four Lectures, 1977 December 27-28	box 4
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Creator - aut: Miller, George E.

### Scope and Contents

Only question period is available as audio.

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THE VERBAL MACHINERY OF THINKING I, 27 December 1977	box 2	1/4 inch audio tape AV 6917
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Creator: Miller, George E.

Conditions Governing Access:

### Conditions Governing Access

RAC is unable to provide access to obsolete media. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

## 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.

THE VERBAL MACHINERY OF THINKING II, 28 December 1977

box 2

1/4 inch  
audio tape  
AV 6918

Creator: Miller, George E.

Conditions Governing Access:

### Conditions Governing Access

RAC is unable to provide access to obsolete media. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

## 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.

MOLECULES IN MOTION: THE KINETIC THEORY OF MATTER I, 27 December 1978

box 2

1/4 inch  
audio tape  
AV 6912

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

Conditions Governing Access:

### Conditions Governing Access

RAC is unable to provide access to obsolete media. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

MOLECULES IN MOTION: THE KINETIC THEORY OF MATTER II, 27 December 1978

box 2

1/4 inch  
audio tape  
AV 6909

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

Conditions Governing Access:

### Conditions Governing Access

RAC is unable to provide access to obsolete media. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

MOLECULES IN MOTION: THE KINETIC THEORY OF MATTER III, 28 December 1978

box 2

1/4 inch  
audio tape  
AV 6910

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

Conditions Governing Access:

**Conditions Governing Access**

RAC is unable to provide access to obsolete media. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

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MOLECULES IN MOTION: THE KINETIC THEORY OF MATTER IV, 28 December 1978

box 2

1/4 inch  
audio tape  
AV 6911

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

Conditions Governing Access:

**Conditions Governing Access**

RAC is unable to provide access to obsolete media. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

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BIOCHEMICAL HORIZONS WITH A FOCUS ON PROTEIN CHEMISTRY - Stanford Moore - Handout, 1980 December 29-30

box 4

Creator - aut: Moore, Stanford

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Biochemical Horizons With a Focus on Protein Chemistry - Part 1, 1980 December 29-30

box 2

reel AV 6913

Creator: Moore, Stanford

Conditions Governing Access:

**Conditions Governing Access**

Access copy available.

Conditions Governing Use:

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BIOCHEMICAL HORIZONS WITH A FOCUS ON PROTEIN CHEMISTRY II, 29-30 December 1980

box 2

1/4 inch  
audio tape  
AV 6914

Creator: Moore, Stanford

Conditions Governing Access:

**Conditions Governing Access**

RAC is unable to provide access to obsolete media. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

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WHITE BLOOD CELLS I, 29 December 1981

Creator: Silverstein, Samuel C.

box 2

1/4 inch  
audio tape  
AV 6905

Conditions Governing Access:

### Conditions Governing Access

RAC is unable to provide access to obsolete media. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

### Scope and Contents

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

---

WHITE BLOOD CELLS II, 30 December 1981

box 2

1/4 inch  
audio tape  
AV 6904

Creator: Silverstein, Samuel C.

Conditions Governing Access:

### Conditions Governing Access

RAC is unable to provide access to obsolete media. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

### Scope and Contents

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

---

BRAINS I, 28 December 1983

box 3

1/4 inch  
audio tape  
AV 6906

Creator: Nottebohm, Fernando

Conditions Governing Access:

### Conditions Governing Access

RAC is unable to provide access to obsolete media. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

### 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.

---

BRAINS II, 29 December 1983

box 3

1/4 inch  
audio tape  
AV 6907

Creator: Nottebohm, Fernando

Conditions Governing Access:

**Conditions Governing Access**

RAC is unable to provide access to obsolete media. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

**Scope and Contents**

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

---

BRAINS III, 29 December 1983

box 3

1/4 inch  
audio tape  
AV 6908

Creator: Nottebohm, Fernando

Conditions Governing Access:

**Conditions Governing Access**

RAC is unable to provide access to obsolete media. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

**Scope and Contents**

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

---

THE ECOLOGY AND MOLECULAR BIOLOGY OF  
BACTERIAL DISEASES I, 26 December 1984

box 3

1/4 inch  
audio tape  
AV 6939

Creator: Gotschlich, Emil C.

Conditions Governing Access:

**Conditions Governing Access**

RAC is unable to provide access to obsolete media. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

**Scope and Contents**

Lecture 1 and 2.

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THE ECOLOGY AND MOLECULAR BIOLOGY OF  
BACTERIAL DISEASES I, 26 December 1984

1/4 inch  
audio cassette  
AV 6953

Creator: Gotschlich, Emil C.

Conditions Governing Access:

## Conditions Governing Access

RAC is unable to provide access to obsolete media. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

## Scope and Contents

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

---

THE ECOLOGY AND MOLECULAR BIOLOGY OF BACTERIAL DISEASES II, 27 December 1984

box 3

1/4 inch  
audio tape  
AV 6940

Creator: Gotschlich, Emil C.

Conditions Governing Access:

## Conditions Governing Access

RAC is unable to provide access to obsolete media. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

## Scope and Contents

Lectures 3 and 4.

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THE ECOLOGY AND MOLECULAR BIOLOGY OF BACTERIAL DISEASES II, 26 December 1984

1/4 inch  
audio cassette  
AV 6952

Creator: Gotschlich, Emil C.

Conditions Governing Access:

## Conditions Governing Access

RAC is unable to provide access to obsolete media. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

## Scope and Contents

Lecture 2. Gonococcus - The Professional.

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THE ECOLOGY AND MOLECULAR BIOLOGY OF BACTERIAL DISEASES III, 27 December 1984

1/4 inch  
audio cassette  
AV 6954

Creator: Gotschlich, Emil C.

Conditions Governing Access:

## Conditions Governing Access

RAC is unable to provide access to obsolete media. When feasible, a digital surrogate may be created via special



order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

## Scope and Contents

Lecture 3. Cholera Bacillus - A Man for All Seasons

THE ECOLOGY AND MOLECULAR BIOLOGY OF BACTERIAL DISEASES IV, 27 December 1984

Creator: Gotschlich, Emil C.

1/4 inch  
audio cassette  
AV 6955

Conditions Governing Access:

### Conditions Governing Access

RAC is unable to provide access to obsolete media. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

## Scope and Contents

Lecture 4. Vaccines - Of Mice and Men.

SKIN: OUR PROTECTIVE ENVELOPE I, 26 December 1985

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

box 3  
1/4 inch  
audio tape  
AV 6938

Conditions Governing Access:

### Conditions Governing Access

RAC is unable to provide access to obsolete media. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

SKIN: OUR PROTECTIVE ENVELOPE I, 26 December 1985

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

1/4 inch  
audio cassette  
AV 6943

Conditions Governing Access:

### Conditions Governing Access

RAC is unable to provide access to obsolete media. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

## Scope and Contents

Lecture 1: Barrier - How the filamentous keratin layer of the skin controls fluid loss and drug absorption. Lecture

2: Color - How pigment cells migrate and synthesize and transfer melanin.

---

SKIN: OUR PROTECTIVE ENVELOPE II, 27 December 1985	box 3	1/4 inch
<u>Creator:</u> Carter, D. Martin (David Martin), 1936-		audio tape
		AV 6937

Conditions Governing Access:

**Conditions Governing Access**

RAC is unable to provide access to obsolete media. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

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SKIN: OUR PROTECTIVE ENVELOPE II, 27 December 1985	1/4 inch
<u>Creator:</u> Carter, D. Martin (David Martin), 1936-	audio cassette
	AV 6942

Conditions Governing Access:

**Conditions Governing Access**

RAC is unable to provide access to obsolete media. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

**Scope and Contents**

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

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SKIN: OUR PROTECTIVE ENVELOPE III, 27 December 1985	box 3	1/4 inch
<u>Creator:</u> Carter, D. Martin (David Martin), 1936-		audio tape
		AV 6936

Conditions Governing Access:

**Conditions Governing Access**

RAC is unable to provide access to obsolete media. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

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SKIN: OUR PROTECTIVE ENVELOPE III, 27 December 1985	1/4 inch
<u>Creator:</u> Carter, D. Martin (David Martin), 1936-	audio cassette
	AV 6941

Conditions Governing Access:

**Conditions Governing Access**

RAC is unable to provide access to obsolete media. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of

Archival Services or RAC Head of Digital Programs for details.

## Scope and Contents

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

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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

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QUARKS - THE FUNDAMENTAL CONSTITUENTS OF MATTER? I, 26 December 1986 box 3 1/4 inch audio tape AV 6935  
Creator: Cool, Rodney L.

### Conditions Governing Access:

#### **Conditions Governing Access**

RAC is unable to provide access to obsolete media. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

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QUARKS - THE FUNDAMENTAL CONSTITUENTS OF MATTER? II, 26 December 1986 box 3 1/4 inch audio tape AV 6934  
Creator: Cool, Rodney L.

### Conditions Governing Access:

#### **Conditions Governing Access**

RAC is unable to provide access to obsolete media. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

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TAPE 4, 29 December 1987 1/4 inch audio cassette AV 6946  
Conditions Governing Access:

#### **Conditions Governing Access**

RAC is unable to provide access to obsolete media. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

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ENZYMES - STRUCTURES, FUNCTION, DESIGN, AND CONSTRUCTION I, 1987

Creator: Kaiser, Emil Thomas

1/4 inch  
audio cassette  
AV 6951

Creator: Cranefield, Paul F. (Paul Frederic)

Conditions Governing Access:

### **Conditions Governing Access**

RAC is unable to provide access to obsolete media. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

### **Scope and Contents**

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

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ENZYMES - STRUCTURES, FUNCTION, DESIGN, AND CONSTRUCTION III, 1987

1/4 inch  
audio cassette  
AV 6944

Creator: Kaiser, Emil Thomas

Conditions Governing Access:

### **Conditions Governing Access**

RAC is unable to provide access to obsolete media. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

### **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.

---

ENZYMES - STRUCTURES, FUNCTION, DESIGN, AND CONSTRUCTION II, 29 December 1987

1/4 inch  
audio cassette  
AV 6947

Creator: Kaiser, Emil Thomas

Conditions Governing Access:

### **Conditions Governing Access**

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Archival Services or RAC Head of Digital Programs for details.

## Scope and Contents

Tape 2

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T-CELL MEDIATED IMMUNITY I, 1988

Creator: Steinman, Ralph M.

Conditions Governing Access:

### Conditions Governing Access

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1/4 inch  
audio cassette  
AV 6956

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T-CELL MEDIATED IMMUNITY II, 1988

Creator: Steinman, Ralph M.

Conditions Governing Access:

### Conditions Governing Access

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1/4 inch  
audio cassette  
AV 6957

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T-CELL MEDIATED IMMUNITY III, 1988

Creator: Steinman, Ralph M.

Conditions Governing Access:

### Conditions Governing Access

RAC is unable to provide access to obsolete media. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

1/4 inch  
audio cassette  
AV 6958

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CHRISTMAS LECTURES I, 1989

Conditions Governing Access:

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1/4 inch  
audio cassette  
AV 6945

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CHRISTMAS LECTURES II, 1989

Conditions Governing Access:

**Conditions Governing Access**

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1/4 inch  
audio cassette  
AV 6948

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CHRISTMAS LECTURES III, 1989

Conditions Governing Access:

**Conditions Governing Access**

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1/4 inch  
audio cassette  
AV 6949

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CHRISTMAS LECTURES IV, 1989

Conditions Governing Access:

**Conditions Governing Access**

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1/4 inch  
audio cassette  
AV 6950

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Tune On, Tune In: The Human Genome, Molecular Switches and Signaling - Thomas Sakmar, 2001

box 4

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