



# Archibald (Reginald) papers

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## Summary Information

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<b>Repository:</b>	Rockefeller Archive Center
<b>Creator - aut:</b>	Archibald, Reginald M.
<b>Title:</b>	Reginald M. Archibald papers, Rockefeller University Faculty
<b>ID:</b>	FA146
<b>Date [inclusive]:</b>	1930-1982
<b>Physical Description:</b>	7.48 Cubic Feet 17 boxes.
<b>Physical Description:</b>	17 boxes.
<b>Language of the Material:</b>	English

### Preferred Citation

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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Types of records include: biographical material, grant reports, budgets, correspondence, and printed material.

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## Arrangement

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As received.

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## File Plan note

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Former Classification: I 450 Ar25

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## Administrative Information

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### Publication Statement

Rockefeller Archive Center

15 Dayton Avenue

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### Revision Description

Paper finding aid converted to EAD/XML by AureXus in 2010. Imported into the Archvists' Toolkit by Becky Robbins. 24 August 2010

### Processing Information

Processed by Gladys Lewis, 1986.

### Conditions Governing Access note

Open for research. Brittle or damaged items are available at the discretion of RAC.

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## Controlled Access Headings

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- Chemistry
- Biochemistry
- Biology -- Research
- Cell and biomolecular sciences

- Electrophoresis
- Medicine, Preventive
- Medical research
- Rockefeller Institute for Medical Research
- Rockefeller University

## Collection Inventory

Title/Description	Instances	
Biographical materials, bibliographies, 1930-1976		
R.M. Archibald. "Work of Dr. R.M. Archibald and his group", 1955 October 19	box 1	folder 1
News from The Rockefeller University. "Biography of R.M. Archibald", 1973 September	box 1	folder 1
Survey of Sources for the History of Biochemistry and Molecular Biology	box 1	folder 1

### Scope and Contents note

Includes: Biographical and professional information and Archibald bibliography 1930-1976. [Handwritten numbers, corrections and additions by Ruth Sternfeld.] Photocopy.

Exchange with Laurenda Daniells, University Archivist, University of British Columbia [re] E.H. Archibald (R.M. Archibald's father) and R.M. Archibald's recollections of childhood connections with the University of British Columbia. Photocopies, 1985 November 5 1985 December 18	box 1	folder 1
Bibliography, 1930-1950	box 1	folder 1
Photographs	box 1	folder 2
R.M. Archibald 1941?, 1952, 1963 Convocation, 1941? 1952 1963		
R.M. Archibald laboratory interiors in 1949, Founder's Hall, Room 413, 1949		
Personal correspondence, 1943-1958	box 1	folder 3
<b>Arrangement note</b>		
Arranged in chronological order.		
L.G. Bowen, NRC/R.M. Archibald exchange [re] R.M. Archibald reprints on investigative work during NRC fellowship, 1943 October 30-1946 November 25		
Exchange with T.M. Rivers, 1946 October 25-1949 December 19		

## Scope and Contents note

[re] Descriptions of investigations by Dr. Archibald.  
Laboratory space and apparatus requirements for setting  
up the Archibald laboratory at RIMR.

Staff requirements and appointments.

D.D. Van Slyke equipment to R.M. Archibald.

---

S.T. Baur? /Archibald [re] Baur's reprint, Nature letter on the  
"Crystallization of Arginase", 1947 April 2

---

A.R. Dochez/Archibald. Letter of appointment as Physician to  
RIMR Hospital, effective 1948 January 26, 1948 July 1

---

D.D. Van Slyke/Archibald. [re] laboratory helper and  
preparations, 1948 May 3

---

Archibald/A.J. Campo. [re] Van Slyke equipment to Archibald,  
1950 September 8 1950 September 15

---

Archibald/Nobelkommittén. [re] D.D. Van Slyke. Includes  
excerpt from Journal of Clinical Endocrinology and Metabolism  
editorial on development of better quantitative methods for  
clinical chemists, (carbon copy), 1953 December 16

---

Charles Best/Archibald. Invitation as visiting lecturer to School  
of Graduate Studies, University of Toronto, 1958 November 17

---

Archibald/Charles H. Best. Declines invitation and recommends  
Drs. Ahrens, Rasmussen, Klebanoff and Dziewatkowski, 1958  
December 2

---

J. Campbell/Archibald, [re] Archibald letter to C. Best, 1958  
December 23

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Johns Hopkins University, School of Hygiene and Public Health,  
1946-1948

box 1

folder 4

## Biographical/Historical note

R.M. Archibald, Professor of Biochemistry during this  
period.

## Scope and Contents note

Correspondence deals with staff requirements and  
appointments, biochemistry courses and textbooks, various  
expenses and students.

Special interest item: 1948 January 26. Archibald/Dr.  
Stebbins, Director, School of Hygiene and Public Health,  
Johns Hopkins University Letter of resignation as of June  
30, 1948 to membership in RI Hospital.

---

Johns Hopkins University, School of Hygiene and Public Health.  
Nutrition Foundation, 1947-1948

box 1

folder 5

### Scope and Contents note

Correspondence deals with grants-in-aid made by Millbank Foundation and Nutrition Foundation to help support project on "influence of Hormones on Activity of Enzymes and on Bone Formation" at Johns Hopkins University, School of Hygiene and Public Health. Includes plans and schedules for Eastern District study of underweight and overweight children in white public schools.

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RU Administration 1943, 1960, 1967-1969, and Hospital Vacation Schedules 1961-1964, 1943-1964	box 1	folder 6
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### Scope and Contents note

Special interest item:

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exchange w/E.B. Smith [re] Levene chemical collection, 1943 February-March

---

exchange w/Robert Loeb [re] Robert Slater, 1967 April

---

[re] Lucia Saccone, 1968 February 9

---

re Nicola Di Ferrante ms "The Differential Diagnosis of Postpuberal Virilism", [undated]

### Scope and Contents note

Includes typescript of ms.

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Isotope Committee, 1948-1969	box 1	folder 7
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### Biographical/Historical note

Original committee appointed by Dr. Gasser: R.M. Archibald. Chairman, D.D. Dziewiatkowski, T. Shedlovsky, F.L. Horsfall.

### Scope and Contents note

Correspondence, rules and regulations and changes.

Includes some correspondence with Marguerite V. Patmore, Frank Horsfall, W. Flinn as to those who work with organic solvents (benzine). Also includes Atomic Energy Commission regulations/amendments 1957-1969 with 2 reprints.

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Reports on USPHS grants, 1960-1964	box 1	folder 8
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### Scope and Contents note

R.M. Archibald, principal investigator, Grant #'s A-2772, A-3347, AM08216, AM02772.

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Applications for staff appointments to RU, 1961-1974	box 1	folder 9
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## Arrangement note

Arranged in alphabetical order.

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Deuel, Thomas F., 1969

---

Ganguly, A. [Originally Gangopadhyaya], 1969-1974

---

Goodfriend, T., 1961-1964

---

Kang, H.-C., 1969-1970

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Katz, S.H., 1966-1967

---

Lin, Fang-Jin, 1963-1965

---

Merker, Edward, 1969

---

Samii, A.H., 1964

---

Stoller, James, 1973

---

Correspondence, 1943-1948

box 1

folder 10

## Arrangement note

Arranged in alphabetical order.

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American Cyanamid and Chemical Corp 1943. [re] Keralin  
enzyme concentrate H & K., 1943

---

American Institute of Chemists 1948. [re] Archibald membership  
in. Encl: AIC leaflet, 1948

---

Carpenter, Rowena S. 1946 [re] education films on nutrition, 1946

---

Emergency Committee of Atomic Scientists [Signed by A.  
Einstein], 1948

## Scope and Contents note

Encl: Statement and A. Einstein "Atomic War or Peace"  
Atlantic Monthly reprint.

---

Howard, John E. [re] ms, 1948

---

Schwarz Laboratories [re] Polidase-S, 1943-1944

---

Wallerstein Laboratories [re] Mylase P. and Reductone,  
1944-1945

## Scope and Contents note

Includes graphs on Arginase.

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Grant Records, 1964 1968-1970

box 1

folder 11

## Biographical/Historical note

R.M. Archibald, Principal Investigator.



**Scope and Contents note**

PHS Grant #'s: AMO3347-06, AMO3347-09, DE-176-03, NB-06895-02, NB-06895-03 and 03SI.

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Budgets, 1948-1960

box 1

folder 12

**Scope and Contents note**

R.M. Archibald laboratory, isotope and spectroscopic laboratory budgets. Includes correspondence re equipment, etc. for isotope and spectroscopic laboratories.

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Budgets, 1961-1967 1968-1969

box 1

folder 13

**Scope and Contents note**

R.M. Archibald laboratory and isotope laboratory budgets.

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American Association of Clinical Chemists. Van Slyke Award, 1957-1958

box 2

folder 1

**Biographical/Historical note**

Dr. Archibald member of Van Slyke award nominating committee in 1957 and 1958.

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American Board of Clinical Chemists, 1957-1962 1963 1971

box 2

folder 2

**Biographical/Historical note**

Board is analogous to various medical specialty boards and organized under sponsorship of ACS, ASBC, AIC, AACC.

Dr. Archibald elected to Board in 1958 and served as Vice-President 1959-1963?

**Scope and Contents note**

File consists of minutes of meetings, resolutions and correspondence as Board develops and determines role. Correspondents, include: Kurt Dubowski, W.A. Wolff, Robert M. Hill, Joseph I. Routh among others.

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American Board of Pathology, 1957-1961

box 2

folder 3

**Biographical/Historical note**

Dr. Archibald serves as a consultant for the Board.

**Scope and Contents note**

Deals with Board exams in Clinical Chemistry, standardization of cyanmethemoglobin. Includes set of questions and Dr. Archibald's editing of. Also includes reprint from The Modern Hospital, February 1967, "Why Laboratory Standards Are Substandard". Correspondence primarily with

Douglas A. MacFadyen, but includes Bradley E. Copeland and Edward B. Smith.

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American Society of Biological Chemists (ASBC), 1956-1960	box 2	folder 4
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**Biographical/Historical note**

Dr. Archibald member of Committee on Clinical Chemistry of ASBC [re] training of clinical chemists.

**Scope and Contents note**

Consists primarily of drafts of proposals, reports and correspondence with members of Committee on Clinical Chemistry (Robert M. Hill, Wm. J. Darby, M.F. Mason, A.J. Quick) and with members of American Board of Clinical Chemistry. This group cooperated with the AMA Joint Committee to study Paramedical Areas in Relation to Medicine (Dr. R.M. McKeown, Chairman).

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American Society of Biological Chemists. E.V. McCollum Award Committee, 1958-1959	box 2	folder 5
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**Biographical/Historical note**

Dr. Archibald member of McCollum Award Committee.

**Scope and Contents note**

E.V. McCollum award presented 1959 April 14, Atlantic City, NJ.

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Analytical Chemistry, 1957-1959	box 2	folder 6
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**Biographical/Historical note**

Term Dr. Archibald serves on advisory board of publication.

**Scope and Contents note**

Related correspondence primarily with L.T. Hallett, Editor.

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Correspondence, 1942-1969 (primarily 1940s)

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A-Ho	box 2	folder 7
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Animal Welfare Institute, 1951

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Barrett, G. Clifford [re] specialty chemicals, 1969

---

Bauer, Walter. Helen Hay Whitney Foundation interest in work on connective tissues, 1960

---

Bauer, Göran. H., 1968

---

Beckman, WM. W. Professional colleagues and friends, 1942-1944

---

Bloom, M.D. Comments on endocrine findings in paper by Keutel on Bloom syndrome patients, 1968		
Blythe, Wm. B. [re] Martin Rizack, 1968		
Chaney, Albert L. [re] method for barbituate determination, 1945		
Cori, Gerty T., 1951		
Cournand, Andre, 1943		
Despopoulos, Agamemnon, 1944		
Everett, M.R. [re] - reference on allontoin, 1944		
Futcher, P.H., 1943		
Gentzkow, C.J., 1942		
Gonzales, T.A. [re] D.D. Van Slyke request of Medical Examiner's office for blood of patients dying of cyanide poisoning, 1946		
Green, H.N., 1943		
Hamilton, P.B. RIMR colleagues on various laboratory results, 1943-1944		
Herrold, E.A., 1944		
Hitchcock, P. Interest in Dr. Archibald's work on barbituates, 1945		
Houck, R. On questioned difference between muscle adenosine and yeast adenosine, 1943		
Howe, H.E. Explanation for submission of ms to Industrial and Engineering Chemistry, 1943		
Hunter, Andrew, 1940-1945	box 2	folder 8

### Scope and Contents note

Correspondence between professional colleagues.

K-W	box 2	folder 9
Klemperer, F. [re] uricase, 1944		
Lauson, H., 1944		
[re] Lewis, U.J., 1968		
Lichtenstein, N. [re] glutamine, 1942		
Luschinsky, H., 1950		
MacFadyen, D.A. [re] orthophenanthroline-ferrous complex, 1943		
Manske, R.H. [re] quinolines and cyanide dyes, 1944		

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Morley, Mrs., 1943

---

Opie, E.L. [re] use of autopsied human kidney, 1942-1943

---

Pereyra, A.J., 1944

**Scope and Contents note**

Includes copy of portion of Archibald ms on the nature of the reaction between proteins and anionic detergents.

---

Richards, D.W. [re] blood with unknown organic acid present, 1943

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Rosen, D.N., 1943-1944

---

Russell, J.A., 1943-1944

**Scope and Contents note**

Includes ms "Colorimetric Determination of Ammonia by the Phenolate-Hypochloride Reaction"

---

Sayers, G. [re] modification of uric acid method, 1944

---

Schlenk, F. Exchange [re] testing of codehydrogenase I and nicotinamide nucleoside, 1943

---

Schmierer, Irving L. [re] suggestions of lecturers from RI, 1967

---

Society for Adolescent Medicine, 1969

---

Stander, H.J. [re] analysis of human milk, 1946

---

Straus, O.H., 1943

---

Sunderman, F.W., 1943

---

Van Slyke, D.D. [re] mss for publication, 1943

---

Vickery, H.B. [re] preparation of glutamine, 1943

---

Waverly Press. Request for diagram of apparatus, 1943

---

Williams, Carroll [re] method for determination of thiouracil in blood, 1945

---

International Congress of Clinical Chemistry, New York City, Hotel Barbizon-Plaza, 1956 September 9-14

box 2

folder 10

**Biographical/Historical note**

Dr. Archibald serves on Committee for Scientific Program, Chairman of Session I and a delegate from NAS/NRC.

**Scope and Contents note**

Includes correspondence, program, abstracts of papers in Clinical Chemistry v. 2 (August 1956). Also includes copy of report to NAS/NRC from delegates to Congress, copies of 3 papers and "A Brief Description of the International Council

of Scientific Unions (ICSU) 1956 prepared by NAS-NRC  
Office of International Relations.

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Journal of Biological Chemistry (JBC), 1947-1956	box 2	folder 11
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### **Biographical/Historical note**

Dr. Archibald member of Editorial Board of JBC December  
1947-June 1958.

### **Scope and Contents note**

Correspondence among editorial staff dealing with procedures,  
style, costs, appointment of new or additional editors and  
minutes of meetings.

Correspondents: R.J. Anderson, Warren M. Sperry, D. Wright  
Wilson, Philip Handler.

Some items of special interest are suggested changes for  
preparation of mss; 1952 April 2 letter from A.N. Richards  
recalling JBC early history and financial support by Christian  
Herter.

[See also: Box (4) Folder 4].

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Journal of Biological Chemistry Reports on Operations, 1948-1954	box 2	folder 12
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### **Scope and Contents note**

Includes copy of report to the Council of the American  
Society of Biological Chemistry on Journal's financial  
structure as requested at 1953 Spring meeting.

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Journal of Biological Chemistry, 1948-1957	box 3	folder 1
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### **Scope and Contents note**

Record by editor of mss received and disposition; i.e.  
"Accepted", "rejected", "accepted with revision".

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Journal of Biological Chemistry, 1948-1953	box 3	folder 2
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### **Scope and Contents note**

Special Correspondence between Editors.

Letters dealing with mss which have required additional  
opinions from various editors.

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Editorial decision letters on mss submitted for publication in JBC.  
Pages in each folder numbered consecutively to maintain order.

### **Arrangement**

Arranged alphabetically.

A-L (#1-209), 1948-1949	box 3	folder 3
M-W (#210-424), 1948-1949	box 3	folder 4
(#1-200), 1949-1950	box 3	folder 5
(#0-113), 1950-1952	box 3	folder 6
(#2-111), 1952	box 3	folder 7
(#0-106), 1953	box 3	folder 8
(#1-132), 1954	box 3	folder 9
(#1-90), 1955	box 3	folder 10
Editorial decision letters, 1956	box 4	folder 1
Editorial decision letters, 1957	box 4	folder 2
Editorial decision letters, 1958	box 4	folder 3
Journal of Biological Chemistry (JBC), 1948-1958	box 4	folder 4

### Scope and Contents note

Correspondence among editorial staff dealing with procedures, style, costs, appointments of new or additional editors, minutes of editorial meetings and nomenclature.

Correspondents: R.J. Anderson, H.B. Vickery, Philip Handler, John T. Edsall, Wm. H. Stein.

Special interest items:

Exchange re Herter Memorial Fund, 1954 May 18 1954 May 20  
1954 August 6

Report of JBC Committee on Abbreviation. Fifth draft, 1958 April

List (photocopied) of members of JBC editorial board who served with Dr. Anderson during his term of managing editor 1937-1958, 1958 November 12

William H. Stein/Archibald. Letter of appreciation for service on JBC editorial board, 1958 June 16

Journal of Clinical Endocrinology and Metabolism, 1952-1960	box 4	folder 5
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### Biographical/Historical note

Dr. Archibald member of editorial board 1953-1960.

### Scope and Contents note

Correspondence among editorial staff dealing with procedure, style, costs, appointments of new or additional members, mss reviews by Archibald and others, and meetings.

Special items of interest:

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Report of managing editor of JCEM, 1952

---

Rawson, R.W. /Archibald. Thank you for service on editorial board of JCEM, 1960 July

---

Science, 1957-1961

box 4

folder 6

### **Scope and Contents note**

Mss reviews by Dr. Archibald for publication in Science.

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Correspondence, 1940-1946 1954

### **Scope and Contents note**

Primarily re sample requests, purchase of chemicals and requesting information for investigative work. In 4 folders:

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Correspondence, 1950

box 5

folder 1

### **Scope and Contents note**

re aldehyde resins with Philips Petroleum Co., Quaker Oats, Borden Co., Durez Co., DuPont

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Correspondence A-Ho

box 5

folder 2

American Cyanamide and Chemical Co., 1943

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American Resinous Chemicals Corp., 1944

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Amino Products Co., 1943

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Anachemia Ltd., 1944

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Armstrong, A.R., 1943

---

Atlas Powder Co., 1945-1946

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Becco Sales Corp., 1943-1944

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Bergmann, 1944

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Bergstrom, F.W., 1944

---

Buffalo Electrochemical Co., 1943

---

Calgon, Inc., 1944

---

Carbide and Carbon Chemicals Corp., 1944

---

Corcoran, A.C. (Lilly Lab), 1942

---

Darco Corp., 1944

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Darrow, D.C., 1943

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Dicalcite Co., 1944

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DuPont de Nemours, E.I. and Co., 1943-1944		
Eastman Kodak Co., 1943		
Edwal Laboratories, 1944		
Emulsol Corp., 1943-1944		
General Foods Corp., 1944		
Gwaudan-Delawanna Inc., 1944		
Great Western Sugar Co., 1942		
Greeff, R.W. & Co., 1944		
Hooker Electrochemical Co., 1944		
Correspondence Hynson-Sh	box 5	folder 3
Hynson, Westcott & Dunning, 1944		
Johns-Manville, 1943		
Kalkar, H., 1943		
Koppers Co., 1944		
Lehn & Fink, 1943		
Lilly Research Laboratories, 1944		
Martin Laboratories, 1944		
Mead Johnson & Co., 1943		
Merck & Co., 1943-1945		
Monsanto Chemical Co., 1943-1944		
National Sugar Refining Co., 1942		
Naugatuck Chemical, 1944		
New Jersey Zinc Co., 1944		
Ohio Chemical and Mfg. Co., 1944		
Parke Davis Co., 1942 1944		
Roblin, R.O., 1945		
S.M.A. Corp., 1942		
Schuykill Chemical Co., 1944		
Shedlovsky, L., 1943		
Correspondence Squibb-Winthrop	box 5	folder 4
Squibb, E.R. & Sons, 1942		
Squibb Institute for Medical Research, 1943-1944		



Terhout, W.P., 1943
Todd Scientific Glass Apparatus Co., 1944
Tretolite Co., 1944
Union Bay State Co., 1943-1944
United States Rubber Co., 1944
Victor Chemical Works, 1943-1944
Vincent, George Inc., 1944
Wallace & Tieran Products, 1943-1944
Wellcome Research Laboratories, 1944
Wellington Sears Co., 1944
Wilson, D.W., 1944
Winthrop Chemical Co., 1944
Winthrop-Stearns, 1949

**Scope and Contents note**

Includes 1949 February 16, "Preparation of Testosterone Ethymercaptoacetate"

Equipment, 1948	box 5	folder 5
Technicon Fraction Collector		
<b>Scope and Contents note</b>		
Includes correspondence with E.C. Weiskopf, Jr. of Technicon re problems with and use of Fraction Collector, photographs of and "Instructions for Fraction Collector," and "Directions for Regrinding Counter Current Extraction Apparatus".		

## Laboratory notes

**Scope and Contents note**

Hand numbered consecutively as found.

Miscellaneous procedures., 1940	box 5	folder 6
<b>Scope and Contents</b>		
Handwritten, many worked out by D.D. Van Slyke. pp 1-75.		
Clinical laboratory notes, 1943-1945		
box 5		
folder 7		
<b>Scope and Contents note</b>		
Including procedures and protocols of things to be tried.		

Urease standardization, colorimetric serum calcium, blood sugar alcohol determination, determination of sulphur drugs. Standardization of phenol, plasma albumin specific gravity, protocols for experiments on use of ninhydrin. pp 1-113.

Calibration - Room 712, 1941-1946	box 5	folder 8
Blood sugar		
Pipette calibration, 1942		
Calibration of glass machine chamber, 1942		
25cc Burette Exax, 1941		
Calibrations 10cc pipette with water, 1942		
Calibration of weights, 1945		
Calibration of TT for use in cuvette, 1946		
Literature notes: Barbituric acid	box 5	folder 9
Literature notes: Enzyme kinetics	box 5	folder 10
Literature notes: Glutamine	box 5	folder 11
Arginase kinetics I, 1940 October-1941 February	box 6	folder 1
<b>Scope and Contents note</b>		
Original indexing at beginning of folder.		
Arginase II, 1941 February-April	box 6	folder 2
<b>Scope and Contents note</b>		
Original indexing at beginning of folder.		
Arginase II, 1941 June-1942 June	box 6	folder 3
<b>Scope and Contents note</b>		
Original indexing at beginning of folder.		
Studies of human hepatic arginase, 1941 February-1942 January	box 6	folder 4
Kidney glutaminase, 1942 February-September	box 6	folder 5
Arginase analysis (hydrolysates), 1942 June 1942 November-December	box 6	folder 6
<b>Scope and Contents note</b>		
Includes typescript of Van Slyke and Archibald, "Enzymatic Manometric Determination of Arginine".		

Arginase paper by Van Slyke and Archibald, "The Manometric Determination of Arginine by Use of Activated Arginase" (Folder 1), 1942

## Scope and Contents note

Included in folder:

General plan of paper on arginase	box 6	folder 7
"Some Properties of Hepatic Arginase"	box 6	folder 7
1st copy on kinetic arginase	box 6	folder 7
Directors Report: Archibald and Shedlovsky on urine proteins, 1942 March	box 6	folder 7
Chemical Journal Club report	box 6	folder 8
Hospital Rounds Report	box 6	folder 8
RI Staff meeting, R.M. Archibald, "Some Properties of Hepatic Arginase", 1942 May 1	box 6	folder 8
Announcement of meeting and handwritten copy of paper	box 6	folder 8
Laboratory records. Products Catalogs	box 7	folder 1

## Arrangement note

Arranged in alphabetical order.

Laboratory notes and records		
Colorimetric Canavanine with some notes on literature, 1942 December-1943 December 1945 August-1946 June	box 7	folder 2
Colorimetric Urea, 1944 January-1945 August	box 7	folder 3
Thiouracil March 1945, Colorimetric arginase March 1945-May 1946, 1945 March-1946 May	box 7	folder 4
Colorimetric cyanide with some notes on literature, 1945 November-1946 March	box 7	folder 4
Creatimines, 1943 January-June	box 7	folder 6
Protein hydrolystates, 1946 January-May	box 7	folder 6
Uric Acid, 1942 August-1943 December	box 7	folder 7

## Scope and Contents note

Includes literature notes and copy of write-up on Plasmic Uric Acid for Army manual

Urease, 1941	box 7	folder 8
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## Scope and Contents note

Includes literature notes and methods.

"Manometric Urease Method of Determining Urea in Whole Blood..."		
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Mycology, 1944-1946	box 7	folder 9
<b>Scope and Contents note</b>  Consists of correspondence with Dr. Frederick Reiss, Dermatological Clinic, New York Hospital, re chemical testing on patient including some experimental work on mycology. Includes literature notes.		
Glutaminase II, 1942 September-1943 January	box 8	folder 1
Glutaminase III, 1943 January-February	box 8	folder 2
Glutaminase IV, 1943 March-November	box 8	folder 3
Glutaminase V, 1943 November-1944 September	box 8	folder 4
<b>Scope and Contents note</b>  Includes notes on antifoam December 1943-January 1944.		
Dog Shock, 1943 June-October	box 8	folder 5
<b>Scope and Contents note</b>  Experiments with glutamate and adenosine.  Includes 2 June 1943. Effect of adenosine and glutamate on dog under nembutal. Effect of glycine saline and glutamate after hemorrhage and trauma, (readings).  Notes taken after visit with Dr. Courmand.		
Dog Shock, 1943 November	box 8	folder 6
<b>Scope and Contents note</b>  Dogs in various degrees of hemorrhage shock.  Includes "As a part of a study of the temporary and permanent effects of severe shock on enzyme systems of liver and kidney..."		
Milk glutamine 1945 and Lipase 1946, 1945-1946	box 8	folder 7
Laboratory notes, 1946-1947	box 8	folder 8
<b>Scope and Contents note</b>  Readings of various phases of treated or untreated urines.		
Alloxen gasometric determination, 1944 April-1945 February	box 9	folder 1
Alloxan gasometric literature notes	box 9	folder 2
Laboratory procedures and preparations	box 9	folder 3

**Scope and Contents note**

Plasma proteins, Colorimetric method for the micro determination of arginase, Colorimetric micro Kjeldahl technique, Micro Kjeldahl by Nesslerization.

Barbiturates, 1944 November-1945 March	box 9	folder 4
Transfusion reactions - RRC fractionation, 1942 April-June	box 9	folder 5
Nephritic Urine Studies, 1941-1942	box 9	folder 6

**Scope and Contents note**

Includes: Thomas M. Rivers "Memorandum to Heads of Services and Physicians Taking Care of Patients" and treatment and diagnosis of diseases.

Nephritic series, 1942 February-1943 January	box 9	folder 7
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**Scope and Contents note**

Includes:

"Creatine and Creatine in Blood or Urine"

Phillips, Hamilton, Archibald, Stanley, Becker and Franpton, "A-V and Urine Values from Glycocyamine and Arginine in Dog after Peanuts"

Liver extract urea... and Ascorbic acid, 1944 August-1945 January	box 9	folder 8
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**Scope and Contents note**

Includes literature notes.

Determination of urea by Citrulline and Allantoin, 1943 December-1944 June	box 9	folder 9
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**Scope and Contents note**

Includes Dr. Archibald's comments on mss submitted for publication in JBC: Hunter, A. and Downs, C.E., "The Measurement of Arginase Activity", Christman, A.A., Foster, P.W. and Esterer, M.B., "The allantoin content of blood".

Citrulline II, 1944 May-August	box 9	folder 10
Decarboxylase, 1945 November-1946 March	box 10	folder 1
Decarboxylase, 1946 April-July	box 10	folder 2
Decarboxylase, 1945-1946	box 10	folder 3

**Scope and Contents note**

Includes blood lysine results and cultural requirements.

Tsoandrosterone, Dehydroisoandrosterone, 1947 October-1948 March	box 10	folder 4
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**Scope and Contents note**

Includes methyl testosterone and estrone..

Lab notes [re] Effect of acetate ion on the reaction of sodium monofluoroacetate on rats, 1947 November 7-1948 January 21	box 10	folder 5
Chromatographic absorption curves, 1947 December-1948 May	box 10	folder 6
Crocker, Charity notes, 1947-1949	box 10	folder 7
Colorimetric absorption of urea, 1949	box 10	folder 8
Benzine elution of ago dyes, 1949	box 10	folder 9
Method used to determine cholesterol, 1949	box 10	folder 10
Uric acid determination, 1948-1952	box 10	folder 11
Enzyme data, 1950-January 1951	box 10	folder 12
Rhodanese activity	box 10	folder 12
Experimental data on alkaline phosphatase and various procedures by others including Stanford Moore and William Stein, "Photometric Ninhydrin Method for Use in the Chromatography of Amino Acids" JBC 176 (1948 373-376), 1948-1955	box 10	folder 13
Development of urea method, 1956	box 10	folder 14
RELN of Metacarpals, 1957-1959	box 10	folder 15

**Manuscripts**

Archibald, R.M. Frontiers of Biochemistry. Chemical and Engineering News 30 (1952) 4473-4476, 1952	box 11	folder 1
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**Scope and Contents note**

Includes several drafts of ms and figures (photographs) and correspondence regarding revisions.

This paper is a record of opening address to the Biochemical Section of the 1st International Congress of Clinical Pathology.

Sauvé, G. Determination of Proline in the Plasma. Federation Proceedings 13 (1954), circa 1954	box 11	folder 2
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**Scope and Contents note**

[Publication information Draft with R.M. Archibald corrections. from Box (14) 6].

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Archibald, R.M. Gasometric Procedures for Amino Acids. In: Methods in Enzymology, Vol III. (Colowick, S.P. and Kaplan, N.O., Editors), Academic Press, New York, 1957	box 11	folder 3
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**Scope and Contents note**

Includes mss and correspondence with S.P. Colowick and others.

I. Determination of Aliphatic Amino Nitrogen by Nitrous Acid, pp 458-462.

II. Gasometric Ninhydrin Determination of Free Amino Acids, pp 1041-1044.

III. Manometric Arginase Determination of of Arginine. pp 1044-1047.

IV. Determination of Amino Acids by Specific Bacterial Decarboxylases, pp 1047-1049.

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Archibald, R.M. Colorimetric Measurement of Uric Acid. Clinical Chemistry 3 (1957) 102-105, 1957	box 11	folder 4
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**Scope and Contents note**

Includes drafts of ms as well as correspondence with Carl Alper re publishing Archibald method paper simultaneously with Alper paper. Also includes several letters asking for help in using method.

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Archibald, R.M. Nitrogen by the Kjeldahl Method. In: American Association for Clinical Chemists, Standard Methods of Clinical Chemistry, v. 2, New York, Academic Press, 1958. pp 91-99, 1958	box 11	folder 5
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**Scope and Contents note**

Includes 1956 correspondence with David Seligson, reprints by others on Kjeldahl method... including Heller, Plazin and D.D. Van Slyke, "A Study of Conditions for Kjeldahl Determination of Nitrogen in Proteins" JBC 176 (1948) 1401-1420. (Method in this ms based on Heller, Plazin and Van Slyke paper.)

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Archibald, R.M. Book review: Sobotka, H. and Stewart, CP., Editors, Advances in Clinical Chemistry. Vol. 1. Academic Press, New York, New York, Archives of Biochemistry and Biophysics, 1958	box 11	folder 6
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**Scope and Contents note**

[no other publication information in file].

Includes correspondence, original and revised drafts of review and galley proof.

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Archibald, R.M., Finby, M. and DeVito, F. Endocrine Significance of Short Metacarpals. *Journal of Clinical Endocrinology and Metabolism* 19 (1959) 1312-1322, 1959

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untitled

box 11

folder 7

**Scope and Contents note**

Editorial correspondence, drafts of ms, referees comments, photographs of figures. Paper also accepted and presented by Dr. Archibald at Endocrine Society meeting.

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untitled

box 11

folder 8

**Scope and Contents note**

Working material and drafts and photographs of figures

[Same as folder 7].

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The Aarskog-Scott Syndrome, 1972 1975

box 11

folder 9

**Scope and Contents note**

Includes abstract and paper of case presentation by R.M. Archibald, "The Aarskog-Scott Syndrome" at 1972 June 12-16, Baltimore, Md., Johns Hopkins Medical Institutions/ National Foundation-March of Dimes, 5th Conference on the Clinical Delineation of Birth Defects. Also includes a printed announcement of conference, preliminary and partial list of participants and topics. An RU Hospital outpatient case history in 1972, correspondence with V.A. McKusick, James German and others, correspondence with parents and drafts of case report by Archibald and German and drafts of ms by Archibald and German published in 1975, working material and rough draft of ms by others [re] Aarskog-Scott Syndrome.

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Archibald, R.M. The Aarskog-Scott Syndrome. Case presentation by Dr. Archibald, 1972

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Archibald, R.M. and German, J. The Aarskog-Scott Syndrome in Four Brothers, 1975

**Scope and Contents**

In: *Malformation Syndromes, Birth Defects: Original Article Series Vol II*, no 2, pp 25-29



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Abstracts, methods, bibliographies and course in biochemistry and correspondence, 1945-1949 1957-1961

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Abstract articles on hormones and special methods of preparation of hormones, 1945-1947	box 12	folder 1
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Biochemistry Lectures and Bibliography in Biochemistry, 1948	box 12	folder 2
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### Scope and Contents note

Includes various bibliographies in biochemistry and biochemistry lectures outlines and texts of some lectures, duplicated material for Diagnostic Methods and History Taking and some notes.

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Correspondence, 1946-1949	box 12	folder 3
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### Scope and Contents note

Primarily correspondence requesting some hormones and steroids.

Also includes duplicated materials: "The Steroid Hormone Structure and Its Variations", "Endocrine Disorders of Childhood and Adolescence".

### Arrangement note

Arranged in alphabetical order.

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Notes and price list of various hormones submitted to Dr. Archibald by Edmund J. Bent

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Assorted correspondence, 1957-1961	box 12	folder 3
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### Arrangement note

Arranged in alphabetical order.

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Angeluscheff, Z.D., 1959

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Beam, A.G., 1960

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Behrendt, H. [re] colorimetric urea method, 1960

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Beveridge, J.M.R., 1958

---

Bongiovanni, A.M. [re] honoring Waldo Nelson. Includes Dr. Archibald's statement about Nelson, 1960

---

McNamara, A., 1957

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Flinn, W.R. [re] opening window at night in Archibald lab to dissipate organic solvents, 1958

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Frampton, E.W., 1958

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## Scope and Contents note

Includes curriculum vitae and photograph, of Frampton, E.W.

---

Gillmore, G.B. Mrs., 1960

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Gould, R.F., 1959-1960

## Scope and Contents note

Indications are R.M. Archibald reviews Bernard S. Strauss, "An Outline of Chemical Genetics" for Chemical and Engineering News ca 1960. [Not listed in Archibald bibliography]

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Keville, W.A.[re] Archibald, Finby and DeVito abstract of "Endocrine Significance of Short Metacarpals" for 1960-1961 Year Book of Radiology, 1960-1961

---

Lawson, L.W., 1961

---

McCreary, J.F., 1959

---

Maddock, J.K. [re] proposed volume edited by Litwack, G. and Kritchewsky, D., "Hormonal Regulation of Enzyme Action", 1961

## Scope and Contents note

Encls. Copies of: Prospectus, list of possible contributors and Editors covering letter.

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Malm, O.J., 1960

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Martinek, R.G. [re] pancreatic lipase, 1960

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Moritz, H.C., 1961

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Mujahed, Z. [re] Archibald presentation 1960 March 30, New York Hospital/CMC, 1959-1960

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Nappi, P.E., 1959

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Phillips, R.A., 1959-1961

## Scope and Contents note

In 1959 [re] T.F. Dixon, and in 1960 [re] T.C. Tung

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Pollock, J.J., 1958

## Scope and Contents note

[See Also under: Smith, S.B.]

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Reiss, F., 1960

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Rich, C., 1960

Smith, Stanley B., 1958

### Scope and Contents note

[See also under: Pollock, J.J.]

Wolin, Louis, 1960

#### Electrophoresis of patients' serum 1-75, 1966-1970

1-16, 1968 March-September	box 13	folder 1
17-31	box 13	folder 2
32-40	box 13	folder 3
41-48	box 13	folder 4
49-62	box 13	folder 5
63-75	box 13	folder 6

Reprints by R.M. Archibald, 1930-1976

### Scope and Contents note

Includes reprints by others 1954, 1977.

1930 1932 1935 1936 1939	box 14	folder 1
1942-1949	box 14	folder 2
1950-1955 1957-1959	box 14	folder 3
1963 1965	box 14	folder 4
1971 1975 1976	box 14	folder 5

Reprints by others

### Scope and Contents note

Includes:

reprint by Gaston Sauvé in Federation Proceedings (introduced by R.M. Archibald), 1954	box 14	folder 6
reprint by J.P. Whalen, M. Horwith, L. Krook, I. MacIntyre, E. Mena, F. Viteri, B. Torun and E.A. Nunez in Am J Roentgenol, 1977	box 14	folder 6

Miscellaneous materials, 1985 November 25

### Scope and Contents note

Includes:

Immediate Source of Acquisition note:

**Immediate Source of Acquisition note**

Received from R.M. Archibald, 25 November 1985.

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Correspondence, 1976-1977

box 15

folder 1

**Scope and Contents note**

American Journal of Medicine. Ms review by R.M. Archibald.

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Bialostozky, E [re] delayed growth, 1977

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Hsu, H.. Includes Hsu curriculum vitae and bibliography, 1977

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Moss, L.E., 1977

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Penndorf, P.R., 1976

---

Seitz, F. [re] Jacques Genest, 1977

---

Terris, C.A. [re] Delayed growth, 1977

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Archibald, R.M. Chemical Characteristics and Physiological Roles of Glutamine. Chemical Reviews 37 (1945) 161-208, 1945

box 15

folder 2

**Scope and Contents note**

Editorial and other corres and 2 pp typescript with same title as published ms.

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R.M. Archibald. Unidentified, circa 1973

box 15

folder 3

**Scope and Contents note**

Pages 11 and 12 (photocopies) of primarily bibliography possibly for grant application.

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RU Duplicated Material, 1972 1977 1982

box 15

folder 4

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M. McCarty/R.M. Archibald (as member of RU Hospital Committee), 1972 September 27

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Preliminary schedule includes January 1973 presentation by R.M. Archibald for annual re-review of programs involving human subjects, 1973 January

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Organizations

box 15

folder 5

**Scope and Contents note**

R.M. Archibald involved in.

Includes: Lawson Wilkins Pediatric Endocrine Society. 1984 R.M. Archibald a current member of.

Includes duplicated material of: Minutes of meeting, May 1, 1984, List of new members, Financial report, Committee

membership list, Current update on June 1985 meeting,  
Current membership list.

### Arrangement note

Arranged in alphabetical order.

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Madison Square Boys' Club, Annual Report, 1976

### Scope and Contents note

R.M. Archibald listed as member of Board of Directors.

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National Academy of Clinical Biochemistry, circa 1977

### Scope and Contents note

R.M. Archibald addressed as Fellow in 2 pp duplicated  
communication from Secretary.

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Miscellaneous Duplicated and Printed Material

### Scope and Contents note

See: R.M. Archibald/Carolyn Kopp, 6 March 1986 in folder 1

Includes:

American Academy of Arts and Sciences and APS, 1975	box 15	folder 6
Federation of American Scientists, 1976	box 15	folder 6
FASEB Newsletters, 1977	box 15	folder 6
PHS-NIH various items, 1977	box 15	folder 6
Federal Grants and Contracts Weekly	box 15	folder 6
Thank you letters from students at Mark Twain Junior High School in Brooklyn to R.M. Archibald for his May 14, 1984 "Career Day" address on his work at RU, 1984 May 14	box 16	folder 1
R.M. Archibald, "Treatise on Analytical Chemistry. Section B, No. 56, Organic Analysis. Biological and Biochemical" The Rockefeller Institute, New York 21, New York, circa 1963	box 16	folder 2-5
Mss. Draft, "Organic Analysis: Biological and Biochemical", undated	box 17	folder 1-2
Dental Training Grant File, 1965-1968	box 17	folder 3
Radioisotopes, 1969-1974	box 17	folder 4
Departmental Memos, 1951-1961	box 17	folder 5
Miscellaneous, 1973-1974	box 17	folder 6
Personnel, 1972-1975	box 17	folder 7
Safety Measures-Departmental, undated	box 17	folder 8

Summer Employment, 1973	box 17	folder 9
Instructions to the Secretary, 1954-1957, undated	box 17	folder 10
Laboratory Notebook: Absorption Curves, 1947-1948	box 17	folder 11