

[Archives & Special Collections, Columbia University Health Sciences Library](#)

[André F. Cournand Papers](#)

**ANDRÉ F. CURNAND, 1895-1988.**

**Papers, 1927-1984 (bulk 1946-1981)**

**42 cubic feet (92 boxes, 4 cartons, 1 flat box, 10 vols., oversize charts)**

**BIOGRAPHICAL NOTE:** André Frédéric Cournand, physician and cardiologist, was born in Paris on September 24, 1895 to Jules Cournand, a dental surgeon, and his wife Marguérite Weber. He received his B.A. from the University of Paris in 1914 and then served for three and a half years during the First World War as an auxiliary battalion surgeon, eventually winning the Croix de Guerre with three bronze stars.

Cournand entered medical school at the University of Paris in 1919. He became an Intern in the Hôpitaux de Paris in 1926 and received his medical degree in 1930. While in school, Cournand also became involved in an artistic circle that included painters, sculptors and musicians. It was here he met his first wife, Sybille, the daughter of gallery owner Jeanne Bucher and pianist Fritz Blumer.

Upon graduation from medical school, Cournand accepted a residency in the renowned Chest Service of New York's Bellevue Hospital. There he met Dickinson Richards (1895-1973), a 1923 graduate of Columbia University's College of Physicians and Surgeons (P&S) who was already an experienced research scientist. Offered a place in Richards' group studying pulmonary physiology in 1932, Cournand decided to remain in the US. He was naturalized in 1941, but retained close ties to his country of birth.

Together Richards, Cournand, and their laboratory colleagues embarked on a quarter century of investigations into the physiology and pathophysiology of the cardiopulmonary system. They are best known for their development of cardiac catheterization as a tool for measuring blood pressure in the heart. Werner Forssmann, a German surgeon, had performed the first cardiac catheterization on himself in 1929, but his superiors forbade him to continue his work. It was left to Richards and Cournand beginning in 1940 to do the first extensive cardiac catheterizations on human subjects. By 1944 they had performed over 250 catheterizations on humans, demonstrating that it could be done safely and helping to make it today's valuable and common diagnostic tool in cardiopulmonary disease. For their work, Cournand, Richards, and Forssmann received the 1956 Nobel Prize in Medicine or Physiology.

In 1935, Cournand was appointed Instructor in Medicine at P&S as a member of the Columbia-staffed First Division of Bellevue Hospital. He was made full Professor in 1951 and received an honorary doctor of science degree from the University in 1965.

After his retirement from Columbia in 1964, Cournand remained active in a wide variety of organizations. He lectured and wrote extensively on the "Prospective" method of planning the future, a discipline originating with the French philosopher Gaston Berger, whose writings he translated into English. He became deeply interested in the ethical aspects of science, resulting

in his influential article “The Code of the Scientist and its Relationship with Ethics,” published in *Science* in 1977. He also wrote an autobiography, *From Roots...To Late Budding: The Intellectual Adventures of a Medical Scientist*, published in 1986.

Besides the Nobel Prize, Cournand received numerous honors including the Lasker Award (1950), the John Phillips Memorial Award of the American College of Physicians (1962), and the Trudeau Medal of the American Thoracic Society (1971). He was a Commander of the Legion of Honor, member of the National Academy of Sciences, and an honorary member or fellow of numerous foreign medical and scientific societies.

Cournand’s first wife, Sybille Blumer, died in 1959; they had three children and Cournand adopted her son, Pierre, by a previous marriage. In 1963, he married Ruth Fabian who died suddenly in 1973. Two years later he married Beatrice Bishop Berle, a long-time friend, the widow of New Deal lawyer Adolf Berle, and herself a physician.

Cournand died February 19, 1988 in Great Barrington, Massachusetts, survived by his wife and three children.

**ORGANIZATION:** Organized in nine series: I. Personal; II. Academic; III. Committees and Organizations; IV. Autographed Reprints; V. Artifacts and Oversize; VI. Patient Records; VII. Photographs; VIII. Cournand Bound Reprints; IX. 2003 Accession.

**LANGUAGES:** English, French, and German.

**SCOPE AND CONTENT:** Family and professional correspondence; research notes; drafts of lectures, articles and books; reprints of scientific articles; photographs and slides; EKG rolls and cardiac charts; academic course materials; records relating to scientific meetings; and certificates and diplomas. The bulk of the papers dates from 1946 to 1981.

Cournand had extensive correspondence with North American and European biomedical scientists, especially those engaged in cardiovascular or cardiopulmonary research. Copies of Cournand’s replies are often present. Unfortunately, he did not always file correspondence with an individual in single place: letters from a specific person may also be filed under a meeting or organization name, in a miscellaneous correspondence folder, or in several files labeled “French Correspondence” and “German Correspondence.” Researchers should be prepared to search extensively if they wish to locate all letters from a specific individual.

Organizations for which there are extensive correspondence and records include, but are not limited to, Bellevue Hospital, Centre d’Études Prospectives et de l’Informations Internationales, the Columbia University Institute for the Study of Science in Human Affairs, the Frensham Group, and the Mouvement Universel de la Responsabilité Scientifique.

Most professional correspondence may be found in Series II, Academic. While correspondence with organizations is largely located in Series III, Organizations and Committees, some is in Series II as well. Research notes, especially those on the investigations into shock that Cournand and Richards undertook during World War II, are in Series II.

Besides the correspondence he received from Dickinson Richards in the course of their collaboration, Cournand amassed a large amount of archival material on his colleague and friend, including originals or photocopies of Richards' correspondence with others. These can be found in Series II, Boxes 35-36.

Lastly, boxes in each series have their own numbering sequence, meaning there are boxes with the same number, though in different series.

**ACCESS:** Because Protected Health Information (PHI) as defined by the US Health Insurance Portability and Accountability Act (HIPAA) may be found throughout the papers, access to the papers is allowed only under the terms of Archives and Special Collections' *Access Policy to Records Containing Protected Health Information*.

**PROVENANCE:** Presumably from the Cournand estate, c.1990; gift of Marie-Claire Cournand, 2003 (accession #2003.06.05)

## **SUBJECTS**

Berger, Gaston.

Cournand, André F.

Forssmann, Werner, 1904-

Merton, Robert King, 1910-2003.

Richards, Dickinson W.

Weibel, Ewald R.

Zuckerman, Harriet.

Bellevue Hospital.

Centre d'Études Prospectives et de l'Informations Internationales (France).

Columbia University. Institute for the Study of Science in Human Affairs.

Frensham Group.

Mouvement Universel de la Responsabilité Scientifique.

Cardiac catheterization.

Cardiologists – Biography.

Cardiopulmonary system.

Heart – Diseases.

Heart Catheterization.

Nobel Prize winners.

Nobel Prizes.

Pulmonary circulation.

Respiration.

Science – Moral and ethical aspects.

Shock.

Cardiology – Biography.

Catheterization.

Biomedical research – Ethics.

Science – Ethics.

Shock.

**Added entries:**

Richards, Dickinson W.

**Genre terms:**

Medical records.

Offprints.

Photographs.

Reprints.

Collection processed c.1991; accession #2003.06.05 processed 2003; finding aid written, S. Novak, 2007.

**André F. Cournand Papers, 1927-1984**

**SERIES I: PERSONAL**

**Box Fol. Contents**

**1 1956-59**

- 1 Personal Correspondence
- 2 Personal Correspondence
- 3 Rosset-Cournand, Pierre
- 4-9a Sympathy Cards - Death of Sibylle Cournand

**2 1959-81**

- 10-14 Sympathy Cards - Death of Sibylle Cournand
- 15 Cadoret, Pierre and Michel
- 16 Cournand, Marie-Claire
- 17 Cournand, Marie-Claire
- 18 Cournand, Marie-Claire
- 19 Personal Correspondence
- 20 Car Accident
- 21 Employees
- 22 B, Misc.
- 23 C, Misc.
- 24 Fabian, Pat

**3 1960-81**

- 25 Finances
- 26 Andreumont, Antoine
- 27-29 Personal Correspondence
- 30-33 Family Correspondence
- 34 Saalburg, Lola
- 35 Bank Statements
- 36 Legal & Financial Matters: naturalization certificate (1941), marriage record (1936), financial records
- 37 IRS
- 38 Insurance
- 39 Jaeger, Jean-Francois
- 40 Galerie Jean-Bucher

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- 41 Personal correspondence received during trip to Germany, 1952
- 42 Trip to Germany 1952
- 43 Miscellaneous 1970-81

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**Box Fol. Contents**

**4**

- 44 Miscellaneous 1979-81
- 45 Financial 1977-79
- 46 Miscellaneous 1969-70
- 47 Miscellaneous 1969-76

**SERIES II: ACADEMIC**

**1 1961-74**

- 1 "First International Course on the Use of Radioisotopes for Circulation Studies"
- 2 Study of Treatment of Patients in Hospitals – Anonymous
- 3 Meignant, Michel
- 4 Miscellaneous Lecture Notes
- 5 Technology and Social Change Seminar
- 6-9 *From Roots to Late Budding* [Cournand's Autobiography]
- 10 Benacerraf, Baruj
- 11 Chareau, Pierre
- 12 Ethics Course
- 12a Ethics Course

**2 1972-82**

- 13 Richards, Dickinson W.
- 14 Caldwell, Peter
- 15 Bradley, Stanley
- 16 Merchant, Vasant
- 17 "The Ones Who Walk Away From Omelas" [short story - ethics]
- 18 Éditions Médicales Audio-Visuelles
- 19 "Le Circulation Pulmonaire ..." - copy with figures
- 20-22 Institut de la Vie
- 23 Piganiol Symposium
- 24-25 General Correspondence
- 26 Jimenez Diaz Lectures
- 27-28 History of College of Physicians and Surgeons

**3 1962-82**

- 29 Reprint and Book Orders
- 30 Reprints Sent Out
- 31 "Science in Service of Society"
- 32 Requests for Autographs
- 33 Curriculum Vitae (Cournand's)

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**3 1962-82**

- 34 "The Scientist's Code"
- 35 Medicine and Society Seminars
- 36-38 General Correspondence
- 39 Publishing
- 40 Richards, Dickinson W. (correspondence)
- 40a Richards, D.W. (correspondence)
- 40b Richards, D.W.
- 40c Richards, D.W.

**4 1949-79**

- 41 Recommendations (Misc.)
- 42 Richards-Cournand Library
- 43 Curriculum Vitae and obituaries
- 44 Heidelberger, Michael
- 45 Duchesne, Jules
- 46 Dochez, A.R.
- 47 Miscellaneous
- 48 General correspondence
- 49 "La Langue Française dans les Sciences Médicales"
- 50 Einthoven Meeting '79
- 51 Photos

**5 1956-64**

- 52 "Basic Concepts in Cardiovascular Function"
- 53 Aspen Conference - Webb-Waring Institute '64
- 54 C-6 Lab
- 55 Fellowships - Rejected
- 55a Fellowships - Rejected
- 56 France-America Society
- 57 French Medical Education
- 58 German correspondence
- 59 German correspondence
- 60 Recommendations
- 61 Fritts, H.W. (Recommendations)
- 62 Prospective Fellows
- 63 Fellowships Turned Down

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**6 1972-84**

- 64-66 Research Notes
- 67 "Comparative studies ... of various plasma expanders"
- 68 Claude, Albert
- 69-70 General correspondence

**7 1951-72**

- 71 "Pulmonary Function after Lobectomy"
- 72 Clippings
- 73 McMichael, John
- 74 "Observations sur la transfusion du sang" [1666-blood transfusion]
- 75 History of Medicine (photo and negatives)
- 76 History of Medicine
- 77 Loyalty to America
- 78 Grant Applications
- 79 A, Misc.
- 80 Abstracts
- 81 American Optical Co. (development of catheter)
- 82 Arias-Stella, J.
- 83 Army Report on Plasma Expanders
- 84-85 B, Misc.
- 86 Bioengineering Seminar
- 87 C, Misc.
- 88 Commissioner of Hospitals
- 89 D, Misc.
- 90 Donato, Luigi

**8 1957-66**

- 91 Dunnill, Michael
- 92 E, Misc.
- 93 Electro-Catheter Corp.
- 94 Erlinger, Serge
- 95 Erythropoiesis
- 96 F, Misc.
- 97 G, Misc.
- 98 Giuntini, Carlo
- 99 Gomez, Domingo
- 100 Grollman, Arthur
- 101 Gurtner, H.P.
- 102 H, Misc.



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**8 1957-66**

103 Halif, David V.  
104 Hamilton, W.F.  
105 Houssay, Bernardo  
106 Isotopes, Bellevue  
107 I, Misc.  
108 J, Misc.  
109 K, Misc.  
110 L, Misc.  
111 Luis, A.S.  
112 M, Misc.  
113 Mc, Misc.

**9 1957-66**

114 Manhattan VA Hospital  
115 Manhattan VA Hospital  
116 N, Misc.  
117 O, Misc.  
118 P, Misc.  
119 Prinzmetal, Myron  
120 Prediction Formula  
121 Progress Reports of Cardiopulmonary Lab  
122 R, Misc.  
123 S, Misc.  
124 Singh, Indeyit  
125 T, Misc.  
126 U-V, Misc.  
126a Varese, Edgar  
127 W-Z, Misc.

**10 1957-71**

128 Weibel, Ewald  
129 Weibel-Dunnill plagiarism accusations  
130 Walker, Jane H.  
131 Zocche, Gian-Paolo  
132 Dickinson W. Richards Retirement Party  
132a Dickinson W. Richards Retirement Party  
133 Prague Symposium  
134 Medical Scientist Program  
135 Medical Scientist Program

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**10 1957-71**

136 Kansas City Conference  
137 B, Misc.  
138 Cudkowicz, Leon  
139 Debré, Robert  
140 Durand, Jacques  
141 Fritts, Harry W.  
142 Guillemin, Roger

**11 1946-65**

143 G, Misc.  
144 H, Misc.  
145 Harris, Peter  
146 Harvey, Rejane  
147 Harvey Tercentenary  
148 Harvey Tercentenary  
149 Lockhart, Alain  
150 L, Misc.  
151 Parker, John O.  
152 Faculté de Médecine de Nancy  
153 French Correspondence  
154 French Correspondence  
155 French Correspondence

**12 1957-76**

156 French Correspondence  
157 French Correspondence  
158 French Correspondence  
159 Medellin, Columbia Seminar  
160 Morot-Sir, Edouard  
161 Morris Nathanson Lecturer  
162 Animal Rights Bill  
163 Chagos, Carlos  
164 Institut de la Vie  
165 Institut de la Vie  
166 Institut de la Vie  
167 Richards, Dickinson W.

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**13 1957-64**

- 168 Correspondence with India (See Also: Chand, Sewa)
- 169 Correspondence with India
- 170 Correspondence with India
- 171 Conference at Lyon
- 172 Conference at Nancy
- 173 Visitors to Bellevue Lab
- 174 Edinburgh-MacArthur Lecture
- 175 International Congress of Allergology, Madrid
- 176 2nd National Conference on Cardiovascular Disease, Washington, D.C.
- 177 Enson, Yale
- 177a Enson, Yale
- 178 Betti, Rodolfo
- 179 Brown, Robert

**14 1960-64**

- 180 Cumming, Gordon
- 181 Demester, Michel
- 182 Lewis, Milena L.
- 183 Nash, Eleanor
- 184 Rochester, D.F.
- 185 Albert Wander Lecture, Bern, Switzerland
- 186 Albert Wander Lecture, Bern, Switzerland
- 187 Aspen Conference on Emphysema
- 187a Aspen Conference on Emphysema
- 188 Fifth International Congress on Internal Medicine, Munich
- 189 Paris 1962
- 190 Entretiens de Physio-Pathologie Respiratoire, Nancy
- 191 Entretiens de Physio-Pathologie Respiratoire, Nancy
- 192 Photos: Congress of Physiology, Brussels and Congress of Internal Medicine, Madrid
- 193 XXth International Congress on Physiology, Brussels
- 194 IVth International Congress of Cardiology, Mexico
- 195 IVth International Congress of Cardiology, Mexico
- 195a IVth International Congress of Cardiology, Mexico

**15 1956-64**

- 196 Einthoven Lecture, Leiden
- 197 Pulmonary Circulation Symposium (NY Society of Anesthesiologists)
- 198 IIIrd World Congress of Cardiology, Brussels

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199 IVth European Congress of Cardiology, Prague

**15 1956-64**

200 D, Misc.  
201 E, Misc.  
201a *Excerpta Medica*  
202 F, Misc.  
203 G, Misc.  
204 H, Misc.  
205 H, Misc.  
206 K, Misc.  
207 L, Misc.  
208 M-Mc, Misc.

**16 1955-61**

209 N-O, Misc.  
210 N-O, Misc.  
211 P, Misc.  
212 P, Misc.  
213 R, Misc.  
214 S-T, Misc.  
215 S-T, Misc.  
216 U, Misc.  
217 U-W, Misc.  
218 W, Misc.  
219 Heymanson, Frank (Dr.)

**17 1944-47**

**Shock**

220 Research Notes  
221 Correspondence  
222 Charts  
223 Charts  
224 Charts  
225 Case Studies  
225a Case Studies  
226 Drafts of Final Paper  
227 Photos and Progress Reports

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**18 1942**

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228	Research Notes
229	Official Reports
230	Charts
231	Charts
232	Charts
233	1st Period
234	2nd Period
235	3rd Period
236	4th Period
237	5th Period
238	Reports
239	Reports - Albumin Material
240	Reports and Charts
241	Report, March 1-Sep. 1
242	Report, March 1-Aug. 31

**19 1942-73**

**Shock**

243	Report-Sep. 1, 1942-MArch 1, 1943
244	Interim Report-Aug. 1945
245	Conferences
246	Case Studies (moved to RESTRICTED file)
247	Electrolyte Balance in Shock
248	Charts
249	Case Studies and Charts
250	Research Notes
251	Research Notes
252	Final Report, Mar. 1, 1942-Nov. 30, 1945
253	National Research Conference, Subcommittee on Burns
254	2nd Period
255	3rd Period
256	5th Period
257	Albumin Report
258	Final Report
259	Final Report
260	Final Report
261	Farhi, Leon (Dr.)

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**19 1942-73**

262 Lecture Notes and Photos on Oxygen in Blood Circulation

**20 1962-71**

263 Dubos, René (Dr.)  
264 Cardiology Teaching Program  
265 Schaffner, Joseph Halle  
266 Trudeau Medal 1971  
267 Trudeau Medal 1971  
268 Lockhart, Alain (Dr.)  
269 Sloan-Kettering  
270 Lecture Notes - Medicine and Society - Quebec  
271 Kober Medal  
272 "Classification des Insuffisances Respiratoires"  
273 Meharry Medical College  
274 "Downfall of Phlogiston Theory"  
275 "Downfall of Phlogiston Theory"  
276 Bernard, John (Dr.)  
277 "Code of the Scientist"

**21 1952-78**

278 "Code of the Scientist"  
279 "Code of the Scientist"  
280 "Code of the Scientist"  
281 "Code du Scientifique"  
282 "Code du Scientifique"  
283 "Code of Science"  
284 Scientific Forgeries  
285 "La Circulation Pulmonaire"  
286 Paper on Claude Bernard  
287 "Air and Blood: A Historical Account of Their Conjunction in the Lungs"  
288 "Factors Affecting Cardiac Output in Man"

**22 1945-70**

289 "Hemodynamic Studies in Rheumatic Heart Disease"  
290 "Pulmonary Function in Subacute and Chronic Diseases of the Lung"  
291 "Severe Unilateral Hypoxia"  
292 "Control of the Pulmonary Circulation in Normal Man"  
293 "Report on Cardiac Catheterization to the American Heart Association"

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294	Lactic Acid Procedure
295	Mailing List
296	“Studies of Pulmonary Circulation and Gas Exchange ...”
297	Emphysema
298	“Pulmonary Dynamics in Acute Bronchial Asthma”
299	“Discussion of the Concept of Cardiac Failure ...”
300	“Preliminary Study of the Fate of Radioactive Krypton ...”
301	Rio Lecture
302	Histoire du Catheterisme
303	History of Cardiac Catheterization
304	Rossier & Buhlmann

**23 1949-81**

305	“Cardiac Catheterization in Congenital Heart Disease”
306	The Pulmonary Circulation - Lecture
307	Kober Medal - 1945
308	Biographies of Cournand
309	Oral History Interview with Harriet Zuckerman
310	Awards, Misc.
311	Misc. Notes
312	News Clippings
313	Portrait Photos of Cournand
314	Miscellaneous
314a	Miscellaneous
315	Notes toward Autobiography
316	Arctic Institute of North America
317	Arctic Institute of North America
318	Arctic Institute of North America

**24 1978-82**

319	Columbia University Department of Medicine
320	Columbia University Department of Medicine
321	Program in History of Medicine
322	Film Interview - Dunn & Co.
323	Course in Ethics
324	Geriatric Study
325	Genetic Regulations
326	“What Is a Scientific Investigator?”
327	“On Science, Scientists, and Their Relationship to Society”
328	“Masse: Attitudes toward the Future”
329	<i>Medical Nemesis</i>

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- 330 *Medical Nemesis*
- 331 Milbank Program, Barnard College (Nicholas Rango)
- 332 Milbank Program, Barnard College (Nicholas Rango)

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- 333 Milbank Program, Barnard College (Nicholas Rango)
- 334 Milbank Program, Barnard College (Nicholas Rango)
- 335 Casebook on Values and Ethics in Health Care
- 336 Population
- 337 Publishers
- 338 Pulmonary Circulation
- 339 Reprint Requests and Reviews
- 340 Schoenberg, Bernard (Dr.)
- 341 Schoenberg, Bernard (Dr.)
- 342 Spangler, Rudolph
- 343 Tott's Gap Colloquium

**26 1968-75**

- 344 Seminar on Drug Abuse
- 345 Seminar on Computers in Medicine; Seminar on Death and Dying
- 346 Medicine and Society Seminar
- 347 Medicine and Society Seminar
- 348 Medicine and Society Seminar
- 349 Medicine and Society Seminar
- 350 Medicine and Society Seminar
- 351 Medicine and Society Seminar
- 352 Medicine and Society Seminar
- 353 "Science and Society"
- 354 Hamburger, Jean
- 355 Hamburger, Jean, "Man and Mankind"
- 356 "The Scientist's Code"

**27 1970-75**

- 357 "The Scientist's Code"
- 358 "The Scientist's Code"
- 359 "The Scientist's Code"
- 360 "Code of Science"
- 361 "Code of Science"
- 362 "Future and Significance of the Scientist's Code"
- 363 "Future and Significance of the Scientist's Code"



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- 364 "Future and Significance of the Scientist's Code"
- 365 "Future and Significance of the Scientist's Code"

**28 1970-75**

- 366 "Significance and Future of the Scientist's Code"
- 367 "Significance and Future of the Scientist's Code"
- 368 Le Code de la Science
- 369 Code of Science
- 370 Code of the Scientist - page proofs
- 371 Code of the Scientist
- 372 "Shaping the Future"
- 373 Prospective Thinking
- 374 Prospective MS by Cournand and Levy
- 375 Prospective MS by Cournand and Levy
- 375a Prospective MS by Cournand and Levy

**29 1967-71**

- 376 Prospective MS by Cournand and Levy
- 377 Prospective MS by Cournand and Levy
- 378 Cournand and Levy - Communications with Publisher
- 379 Prospective
- 380 "Le Développement des Idées de Prospective en Amerique dû Nord"
- 381 "Role of the University in Planning For the Future"
- 382 "Applications of Prospective Method to Medical Education"
- 382a "Applications of Prospective Method to Medical Education"

**30 1971-72**

- 383 "Overcrowding"
- 384 "Overcrowding"
- 385 "Overcrowding" - Lindau
- 386 "Overcrowding" - Lindau
- 387 "Overcrowding" - Lindau
- 388 "Overcrowding" - *Futures* magazine
- 389 Preface - W. Forssmann's *Experiments on Myself*
- 390 Introduction - Stephen Hale's *Statical Essays*
- 391 "Investigation of Pulmonary Function and Cardiac Output"
- 391a "Investigation of Pulmonary Function and Cardiac Output"
- 392 Claude Bernard - Chapter 1

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**31 1958-81 - mostly 70's**

- 393 *History of Catheterization* - Introduction
- 394 *History of Catheterization* - Superseded
- 395 *History of Catheterization* - Superseded
- 396 *History of Catheterization* - Ch.2 - Vent Pressure - Chaveau & Marey
- 397 *History of Catheterization* - Ch. 2 - Vent Pressure - Chaveau & Marey
- 398 *History of Catheterization* - Ch. 3 & 4 - Cardiac Output - Catheterization  
in the Human
- 399 *History of Catheterization* - MS
- 400 A, Misc.
- 401 Bargeton, Daniel
- 402 Baulieu, Étienne
- 403 Benacerraf, Baruj
- 404 Bradley, Stanley

**32 1950-82**

- 405 Brasch, Arno
- 406 Braunwald, Eugene
- 407 Briscoe, William A.
- 408 B, Misc.
- 409 B, Misc.
- 410 Chand, Sewa
- 411 Chand, Sewa
- 412 Comroe, Julius H.
- 413 Converse, John
- 414 Copley, A.L.
- 415 Misc. Correspondence
- 416 Misc. Correspondence
- 417 Misc. Correspondence
- 418 Misc. Correspondence
- 419 Misc. Correspondence
- 420 Misc. Correspondence
- 421 C, Misc.
- 422 C, Misc.
- 423 C, Misc.

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- 424 Davidson, Leslie
- 425 Davis, Devra Lee
- 426 Debré, Robert

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427 Delbarre, Florian  
428 Dubos, René  
429 D, Misc.  
430 Enson, Yale  
431 E, Misc.  
432 Fishman, Alfred P.  
433 Forssmann, Werner  
434 Fritts, Harry  
435 Fruchtbaum, Harold  
436 F, Misc.  
437 F, Misc.  
438 Godet, Michel  
439 Goodell, Grace  
440 Guèron, Georges  
441 G, Misc.  
442 G, Misc.

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443 Hassar, Mohamed  
444 H, Misc.  
445 H, Misc.  
446 I-J, Misc.  
447 K, Misc.  
448 Le Cletio, Marguerite  
449 Lequime, Jean  
449a Lequime, Jean  
450 Lin Yeh, Hsiao  
451 Lorenz, Konrad  
452 L, Misc.  
452a L, Misc.  
453 Marks, Paul A.  
454 Merton, Robert  
455 Robert Merton & Harriet Zuckerman  
456 Meyer, Michael; Monod, Jacques  
457 Morgenstern, Oskar  
458 M, Misc.  
459 M, Misc.  
460 N, Misc.  
461 O, Misc.

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462	Palade, George; Perroux, Francois
463	Piganiol, Pierre
464	P, Misc.
465	Richards, Dickinson W.
466	Richards, D.W.
467	Richards, D.W.
468	Richards, D.W.
469	Richards, D.W. - Annual Reports - History of Medicine Program
470	Richards, D.W. - Articles
471	Richards, D.W. - Articles
472	Richards, D.W. - Articles
473	Richards, D.W. - Correspondence
474	Richards, D.W. - Correspondence

**36 1950-82 (mostly 1970's)**

475	Richards, D.W. - Correspondence
476	“ “ - Correspondence
477	“ “ - Curriculum Vitae
478	“ “ - Eulogy
479	“ “ - Hippocrates
480	“ “ - Hippocrates
481	“ “ - Hippocrates
482	“ “ - Kober Medal
483	“ “ - Letters of Recommendation
484	“ “ - Notes & Correspondence with Cournand
485	“ “ - “Pulmonary Physiology
486	Rochester, Dudley F.
487	Rouvière, Pierre
488	Q-R, Misc.
489	Sadoul, Paul
490	Schoenberg, Bernard

**37 1948-1982 (mostly 1970s)**

491	Shilo, Edward
492	S, Misc.
492a	S, Misc.
493	T, Misc.
494	U-V, Misc.
495	Weibel, Ewald

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495a Weibel, Ewald  
496 Weiss, Paul  
497 Werkö, Lars  
498 W, Misc.

**38 1940-1945**

499 "Pulmonary insufficiency"  
500 "Comparison of results of the normal ballistocardiogram and a direct Fick method..."  
501 "Recording of right heart pressures..."  
502 "Physiological and clinical studies of intermittent pressure respirators..."  
503 "Pulmonary physiology --- chronic pulmonary tuberculosis"  
504 "Respiratory gases in the mixed venous and arterial blood..."  
505 "Distribution of respiratory gases in a closed breathing circuit" I  
506 "Distribution of respiratory gases in a closed breathing circuit" II  
507 "Graphic tracings of respiration in study of pulmonary disease"  
508 "Studies on the intrapulmonary mixture of gased" I-III  
509 "Influence of body size on gaseous nitrogen elimination..."  
510 "Symposium on cardiac output"  
511 "Physiological and therapeutic studies in various types of severe body injury"  
512 "Physiological and therapeutic studies in various types of severe body injury"

**39 1946-1955**

513 "Newer methods in the diagnosis of congenital cardiac anomalies"  
513a "Influence of chronic pulmonary disease on the heart and circulation"  
514 "Clinical and physiological features of some types of pulmonary diseases..."  
515 "Some effects of quinidine sulfate on the heart..."  
516 "Pure congenital pulmonary stenosis..."  
517 "'Ideal' alveolar air and the analysis of ventilation-perfusion..."  
518 "Hemodynamic studies in two cases of Wolff-Parkinson-White..."  
519 "Studies of pulmonary circulation and gas exchange..."  
520 "The relationship between electrical and mechanical events in the cardiac cycle of man"  
521 "Relation between electrical and mechanical events in the cardiac cycle in normal and abnormal clinical states"  
522 Review of Rossier MS for American Physiological Society  
523 "Physiological studies on man with pneumatic balance..."  
524 "Recent observations on the dynamics of the pulmonary circulation"

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**40 1946-1962**

- 525 "Latent period between electrical and pressure pulse waves..."
- 526-27 "Follow-up study of cardiopulmonary function after pneumectomy"
- 528 "Intravascular and intercardiac pressure recording in man..."
- 529 "The influence of short periods of induced acute anoxia..."
- 530 "Recording of blood pressure from the left auricle..."
- 531 "Observations on the clinical use of intermittent positive pressure"
- 532 "Physiological studies of the effects of intermittent positive pressure breathing..."
- 533 "Studies of the pulmonary circulation at rest and during exercise..."
- 534-36 "Intermittent positive pressure breathing..."
- 537-38 "Some aspects of the pulmonary circulation in normal man..."
- 539 "The pulmonary circulation in normal man..." (drafts)
- 540 "Quantitative radiocardiography" I-III
- 541 "Cardiocirculatory studies in pulsus alternans..."
- 542 "Influence of acetylcholine on human pulmonary circulation..."

**41 1957-1960**

- 543 "Studies of the ventilation-perfusion relationships in the lungs..."
- 544 "Fate of radioactive krypton introduced intravenously in man"
- 545-46 "The effect of acetylcholine on the human pulmonary circulation"
- 547-48 "The efficiency of acetylcholine on the human pulmonary circulation..."
- 549-50 "The effect of acetylcholine on the distribution of pulmonary blood flow..."
- 551 "Effects of breathing carbon dioxide upon the pulmonary circulation" 1<sup>st</sup> of 3
- 552 "Effects of acute hypoxia on the volume of blood in the thorax" 2<sup>nd</sup> of 3
- 553 "Effects of acute hypoxia and exercise on the pulmonary circulation" 3<sup>rd</sup> of 3
- 554-55 "Lung volume, alveolar ventilation, and perfusion..."

**42 1955-1965**

- 556 "Studies of the ventilation-perfusion relationship in the lungs..."
- 557 "Some circulatory effects of 5-hydroxytryptamine in man"
- 558 "A principle for counting tissue structures on random sections"
- 559 "In vivo studies with an intravascular and intracardiac reflection oximeter"
- 560 "The relations between electrocardiographic evidence of right ventricular hypertrophy and pulmonary arterial pressure..."
- 561 "The influence of hydrogen ion concentration and hypoxia on the pulmonary circulation"
- 562 "Utilization of oxygen in the lungs of patients with diffuse, non-obstructive pulmonary Disease"

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- 563 "Intracardiac oximetry in congenital heart disease"
- 564 "A study of pulmonary blood volume in man using quantitative radiocardiography"
- 565 "The continuous distribution of specific tidal volume throughout the lung"
- 566 "Oxygen consumption of tissues in the human lung"
- 567 "Oxyhemoglobin dissociation curve in liver disease"
- 568 "The relationship between clinical and physiological findings in chronic obstructive disease"

**43 1942-1962**

- 569 "Pulmonary function after pneumonectomy in children" (mostly diagrams and photos)
- 570 "The effect of pneumonectomy upon cardiopulmonary function in adult patients"
- 571 "Clinical use of concentrated human albumin in shock ..."
- 572 "Circulation in shock: mechanical and vasomotor factors"
- 573 "Measurement of cardiac output in man using the technique of catheterization ..."
- 574 "Double lumen catheter for intravenous and intracardiac blood sampling ..."
- 575 "Separate performance of both ventricles in man ..."
- 576 "Fraction of maximum breathing capacity available for prolonged hyperventilation"
- 577 "Estimation of pulmonary arteriovenous shunt-flow ..."
- 578 "A method for the determination of the volume of air in the lungs ..."
- 579 "Estimation of flow through bronchial-pulmonary vascular anastomoses ..."
- 580 "La circulation pulmonaire dans les maladies chroniquement obstructive ..."

**44 1949-1958**

- 581 Dr. Harvey & Dr. Ferrer's Book
- 582 Dr. Harvey & Dr. Ferrer's Book - Ch. 4 & Ch. 1-4 Legends & Figures
- 583 Pulmonary Circulation
- 584 Pulmonary Insufficiency
- 585 Pulmonary Insufficiency I
- 586 Pulmonary Insufficiency I
- 587 Pulmonary Insufficiency III
- 588 Pulmonary Insufficiency IV
- 589 "Effects of cortisone and HCTH in cases of chronic pulmonary disease"
- 590 "Some effects of digoxin upon the heart ..." (Chronic Cor Pulmonale)
- 591 "Some effects of digoxin upon the heart ..." (Left Ventricular Failure)
- 592 "The Q-T interval in chronic cor pulmonale"
- 593 "Pulmonary circulation and alveolar ventilation"
- 594 "Newer methods in the diagnosis of congenital cardiac anomalies"

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**45 1949-1958**

- 595 "Pulmonary circulation and alveolar ventilation-perfusion relationships after pneumonectomy"
- 596 "Pulmonary function in subacute and chronic diseases of the lungs"
- 597 "Pressure of blood in the right auricle, in animals, and in man ..."
- 598 "The oxygen cost of breathing"
- 599 "Fate of circulating lactic acid in the human lung"
- 600 "Mechanical and myocardial factors in rheumatic heart disease..."
- 601 "Mechanical and myocardial factors in rheumatic heart disease..."
- 602 "Preliminary observations on the effects in man of continuous perfusion with acetylcholine ..."
- 603 "Validité, et valeur de différentes méthodes d'étude de l'hémodynamique ..."
- 604 "The blood volume in heart disease"
- 605 "Estimation of the volume of a circulatory model by the Hamilton and the Bradley methods"
- 606 "Effect of severe unilateral hypoxia on the partition of pulmonary blood flow..."
- 607 "The application of the Fick principle to the measurement of pulmonary blood flow"
- 608 "Contre le de la circulation pulmonaire chez l'homme normal"
- 609 "Physiological factors regulating pressure, flow, and distribution of blood in the pulmonary circulation"

**46 1950-1952**

- 610 "Cardiopulmonary function in chronic pulmonary disease"
- 611 "The influence of mitral valvular disease of rheumatic origin upon the dynamics of circulation ..."
- 612 "Hemodynamic studies in rheumatic heart disease"
- 613 "Hemodynamic studies in tricuspid stenosis of rheumatic origin"
- 614 "Cardiopulmonary function in the pulmonary form of Boeck's sarcoid ..."
- 615 "The syndrome of 'alveolar-capillary block' ..."
- 616 "Heart"
- 617 "A discussion of the concept of cardiac failure in light of recent ..."
- 618 "Mechanical and myocardial factors in chronic constrictive pericarditis"
- 619 "Studies in man of the volume of the respiratory dead space..."
- 620 "The oxygen cost of breathing"
- 621 "Pulmonary circulation in normal man and in chronic cardio-pulmonary diseases"

**47 1950-52**

- 622 "Cardiopulmonary function in hematogenous pulmonary tuberculosis ..."
- 623 "Analysis of factors affecting concentrations of oxygen and carbon dioxide ..."



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- 624 “Analysis of factors affecting partial pressures of oxygen...” (I. Theory;  
II. Methods)
- 625 “Cardiac catheterization in the study of congenital cardiovascular anomalies”
- 626 “Effects of acute anoxia on the circulation and respiration in patients ...”
- 627 “Ventilatory drive in chronic pulmonary emphysema”
- 628 “Circulatory effects of mitral commissurotomy with particular reference to  
selection of patients for surgery”
- 629 “Physiologic studies of patients with mitral stenosis before and after  
commissurotomy”
- 630 “Blood flow through each lung in man during unilateral hypoxia”
- 631 “Ventilatory drive in chronic pulmonary emphysema”
- 632 “An analysis of normal and abnormal left atrial pressure pulse in man”
- 633 “Cardiocirculatory performance in atrial flutter”
- 634 “Time relationship of the mechanical events in the right and left cardiac ...”
- 635 “The effect of acetylcholine on the human pulmonary circulation ...”
- 636 “Historical development of the concepts of pulmonary circulation”

**48 1966-80**

- 637 Miscellaneous 1972
- 638 History of Medicine Program
- 639 History of Medicine Program
- 640 History of Medicine Program
- 641 Paris 1979
- 642 General correspondence
- 643 Cournand-Richards Library
- 644 Refresher Course in Hemodynamics
- 645 Foreign Fellows - C-6 Lab
- 646 Prospective - Research Notes

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Prospective Philosophy: page proofs corrected in Cournand’s hand (loose in box)

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- 647 Cardiac Catheterization - Drafts, Notes, Lectures
- 648 Jimenez Diaz Lecture, 1973: “History of Cardiac Catheterization”
- 649 Jimenez Diaz Lecture, 1970: “Pulmonary Circulation”
- 650 Miscellaneous Materials on Heart Catheterization 1952-57
- 651 Miscellaneous Materials on Heart Catheterization 1952-57

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- 1 Alliance Française
- 2 American Association for the Advancement of Science Conference, Chicago
- 3 American Bar Association
- 4 American Bar Association
- 5 American Clinical & Climatological Association
- 6 American College of Cardiology
- 7 American College of Chest Physicians - Medal
- 8 American Council for Émigrés in the Professions
- 9 *American Journal of Physiology*
- 10 American Physiological Society
- 10 American Physiological Society - Handbook of Physiology
- 12 American Physiological Society - Symposium on Cardiac Output
- 13 American Review of Respiratory Diseases
- 14 American Thoracic Society
- 14a Anaesthesiology: 5th European Congress
- 15 Arden House (Harriman, N.Y.)
- 16 Aspen Lung Conference

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- 17 Battro Lecture - Buenos Aires
- 18 Claude Bernard Symposium - Stanford
- 19 Claude Bernard Symposium - Stanford
- 20 Claude Bernard - Research Notes & Reprints On
- 21 Better Bellevue Association
- 22 Brazil Academy of Sciences Meeting
- 23 Brooklyn College - Society of Biology and Medicine
- 24 Canadian Cardiovascular Society
- 25 2nd European Congress of Cardiology, Stockholm
- 26 Centre International de Gerontologie Sociale
- 27 Century Association
- 28 CIBA Foundation (For the Promotion of International Cooperation on  
Medical and Chemical Research)
- 29 *Circulation* (The Journal of the American Heart Association)

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- 30 College de France
- 31 Columbia in Paris (& "Code of Scientist" speech)
- 32 Comité de Recherche Science et Politique - Brussels

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- 33 Concert Opera Association
- 34 Conference Ministérielle sur la Science Comité Interimaire
- 35 Conference on Faith, Science, and the Future (World Council of Churches – M.I.T.)
- 36 Conference on the Teaching of Medical Ethics
- 37 Congres France-Amerique de Montréal
- 38 Congres Français de Médecine - Brussels
- 39 Congress of Clinical Physiology - Prague
- 40-42 Conseiller de Synthèse (Prospective)

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- 43-45 Delegation Générale à la Recherche Scientifique et Technique
- 46 10th International Congress on Diseases of the Chest (Washington, D.C.)
- 47 Einthoven Meeting - Leiden
- 48 Entraide Française
- 49 11th Entrétiens de Physiopathologie Réspiratoire - Nancy
- 50 Faber Foundation
- 51 Faculté de Médecine de Nancy (Docteur Honoris Causa)
- 52 “First European Meeting on New Trends in Medicine”
- 53 Fond National de la Recherche
- 54 Fondation FRANCQUI Symposium - Brussels
- 55 Fondation Interdisciplinaire
- 56 Fondation Internationale de l’Innovation Sociale
- 57-59 Foundation for the Advancement of International Research in Microbiology (FAIRIM)
- 60-61 Foundation for Research in Medicine and Biology
- 62 French Awards

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- 63 French Flying Seminars (Great Neck, L.I., Education)
- 64-66 Frensham Group
- 67 Friends of the Columbia Libraries
- 68 Gustavus Adolphus College - Dedication of Nobel Hall of Science (see also Series 5: Photo Album)
- 69 Gustavus Adolphus College – “Future of Science” – Nobel Conference
- 70 Advisory Committee - History of Medicine
- 71 Institut de la Vie
- 72 Institut de la Vie - Publications
- 73 Institut de la Vie - Strasbourg
- 74 Institute for Society, Ethics, and the Life Sciences
- 75 Institute for the Study of Science in Human Affairs (ISHA), Columbia University

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76-78	ISHA
79	ISHA - establishment of
80	IVth International Congress of Internal Medicine - Madrid
81	International Symposium on Respiratory Physiology - Sassari, Italy
82	International Symposium on Pulmonary Circulation - Prague
83	Jimenez Diaz Foundation
84	<i>Journal of Clinical Investigation</i>
85	Lectures in Rio
86	“Life and Thought of Gaston Berger”
87	Louisiana Thoracic Society
88	Lycée Français

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89-91	Lycée Français
92	Madrid Lecture
93	Maison Française: “Portrait et code de comportement du scientifique”
94	Mayo Clinic Medical School
95	Medical Sciences Lecture Series – Queen’s University, Ontario
96	Centre Universitaire Méditerranéen (Nice)
97	Meetings, Misc.
98	Meharry Medical College - Brown Symposium (Nashville, Tenn.)
99	Mouvement Universel de la Responsabilité Scientifique (MURS)
100	MURS
101	MURS
102	MURS
103	MURS – “Biologie et Devenir de l’Homme”
104	MURS – “Biologie et Devenir de l’Homme”
105	MURS – “Biologie et Devenir de l’Homme”
106	MURS/N.A.S. meeting

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107	Musée de l’homme et de l’industrie
108	National Academy of Medicine - France
109	National Academy of Sciences
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- 118 National Research Council
- 119 New Delhi World Congress of Cardiology
- 120 Nobel Anniversary Dinner

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- 121 Nobel Prize in Physiology and Medicine
- 122 Nobel Prize Winners Meeting - Lindau
- 123 Nobel Prize Winners Meeting - Lindau
- 124 Nobel Prize Winners Meeting - Lindau
- 125 Nobel Prize Winners Meeting - Lindau
- 126 Nobel Prize (Cournand's)
- 127 Nobel Lecture & Address at Dinner (Cournand's)
- 128 Nobel Prize in Medicine and Physiology
- 129 Nobel Prize in Medicine and Physiology
- 130 New York. Academy of Sciences
- 131 New York Heart Association – “Colloquium on the Decades Ahead”
- 132 “Organ Transplantation” (NAS symposium)
- 133 Pepin, Clermont
- 134 25th International Congress of Physiology - Monte Carlo
- 135 “Carbon Dioxide and Metabolic Regulation” – Satellite Symposium of the 25th  
Congress of Physiology
- 136 24th International Congress of Physiological Sciences
- 137 Prix International et Archives Internationales d'Angeiologie

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- 138 Gros, Andre - Centre d'Études Prospectives
- 139 Centre d'Études Prospectives
- 140 Centre d'Études Prospectives
- 141 Centre d'Études Prospectives
- 142 Centre d'Études Prospectives
- 143 Centre d'Études Prospectives
- 144 Centre d'Études Prospectives - Documents 14, 15, & 16
- 145 Centre d'Études Prospectives - Paris
- 146 Centre d'Études Prospectives - Quebec
- 147 Centre d'Études Prospectives - Quebec

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- 148 Prospective - 20th Century Fund
- 149 Prospective - Council for Atomic Age Studies
- 150 Lecture Notes - Prospective Attitudes
- 151 Prospective Thinking Seminar - Dublin
- 152 “Prospective” Lectures - Brussels
- 153 “The Modern University”: lecture drafts - prospective thinking

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- 154 “The Role of the University in Planning for the Future”
- 155 Pulmonary Disease Symposium (Howard University)
- 156 *Que Sais-Je?* (monographic series)
- 157 Revue Française d’Études Cliniques Et Biologiques
- 158 Scientists and Engineers for Johnson
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- 161 Societas Europaea Physiologiae Clinicae Respiratoriae - Oxford
- 162 Tott’s Gap Medical Research Laboratories – “Limits of Medicine”
- 163 Tott’s Gap Medical Research Laboratories – “Limits of Medicine”
- 164 Tott’s Gap Medical Research Laboratories – “Limits of Medicine”
- 165 Tott’s Gap Medical Research Laboratories – “Limits of Medicine”
- 166 United Nations Institute for Training & Research (UNITAR)
- 167 2nd International Conference on the Unity of the Sciences - Tokyo

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- 168 U.S.-France Cooperative Program
- 169 University of Birmingham
- 170 University of Brazil (honorary doctorate)
- 171 University of Brussels
- 172 University of Brussels
- 173 Université de Lyon
- 174 University of Pisa
- 175 University of Rochester (visiting professor)
- 176 University of Texas
- 177 Westchester Heart Association
- 178 Westchester Heart Association
- 179 “What Can Man Be?” (Polytechnic Institute of Brooklyn)
- 180 World Health Organization

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- 181 Académie de Sciences - France
- 182 Académie de Médecine - France
- 183 Académie Royale de Médecine de Belgique
- 184 Ambassade de France
- 185 American Academy of Arts and Sciences (Boston, MA)
- 186 American Association for the Advancement of Science
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195	<i>American Scientist</i>
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198	Association Médicale France-Amerique
199	Association of American Physicians
200	Bellevue Hospital
201	Bellevue Hospital
202	Bellevue Hospital
203	Brookdale Institute on Aging and Adult Human Development
204	Bulletin Européen de Physiopathologie Respiratoire
204a	Caroline Institute, Sweden
205	Catholic University of America
206	Centre National de Recherche et de Développement des Services de Santé
207	Centre de Recherches Science et Vie

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208	Century Association
209	Centre d'Études des Systèmes et des Technologies Avancées (CESTA)
210	College of Physicians and Surgeons, Columbia University
211	Commonwealth Fund
212	Department of Health, Education, & Welfare
213	Documents on National Health System, Britain
214	École des Hautes Études
215	<i>Encyclopedia Universalis</i>
216	Federation of American Scientists
217	Foundation for the Advancement of International Research in Microbiology (FAIRIM): Incorporation
218	FAIRIM - Correspondence
219	FAIRIM - Donation Acknowledgements
220	FAIRIM - Finances
221	FAIRIM - Fundraising Dinner (Cancelled)
222	FAIRIM - Fundraising Dinner (Rescheduled)

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223	FAIRIM - Fundraising Dinner (Rescheduled)
224	FAIRIM - Fundraising Groups
225	FAIRIM - France-America Society
226	FAIRIM - IRS Tax Exemption
227	FAIRIM - Minutes of Meetings

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231 Famine Manifesto (Nobel Prizewinners)  
232 Foundation for Research in Medicine & Biology – Minutes  
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234 Foundation for Research in Medicine & Biology – Research Grants  
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236 Futuribles  
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241 Futuribles - minutes  
242 Futuribles - minutes  
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249 ICUS - 3rd Conference  
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251 Institut de la Vie  
252 Institut des Sciences de la Santé (Prix biologie et medecine 1980)  
253 Institute of Society, Ethics, and the Life Sciences (Conference on Death)  
254 Jimenez Diaz Foundation  
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258 Lycée Français - Executive and Finance Committee  
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273	<i>Minnesota Medicine</i>
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275	National Academy of Sciences - Physiological Sciences
276	National Academy of Sciences - Physiological Sciences
277	New York Academy of Sciences
278	New York Heart Association; New York Lung Association
279	Nobel Prize Committee
280	Nobel Prizewinners - French Study
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281a	<i>Prospective et Santé</i>
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283	Royal Society of Medicine Foundation
284	Royal Society of Medicine Foundation
285	Royal Society of Medicine Foundation
286	Senior Medical Consultants
287	United Nations
288	University of Bern
289	University of Chicago
290	Université René Descartes
291	VA Hospitals
292	Van Leer Foundation
293	Visiting Professor Emeritus Program
294	Workmen's Compensation Board
295	World Academy of Art & Science
296	<i>Acta Medica</i>
297	<i>Acta Medica</i>
298	<i>American Journal of Physiology</i> - Editorship
299	American Review of Respiratory Diseases

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	302	"Code of the Scientist" - Frensham Group
	303	Council for Atomic Age Studies
	304	Council for Atomic Age Studies
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	310	Institut de l'Entreprise
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	324	M.U.R.S.
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	326	Polytechnic Institute of Brooklyn
	327	Prospective
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	329	Prospective: Delegation a l'Aménagement du Territoire
	330	"The Social Science of Science" - Faculty Study Committee
	331	"The Social Science of Science" - Faculty Study Committee
	332	Société Nationale d'Études et de Construction de Moteurs d'Avion
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- 5 Elkana, Yehuda
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- 7 Gauthier - Guillemin
- 8 Gurtner - Knipping
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- 10 Latarjet - Lion
- 11 Lins - Marks
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- 12 Robert Merton & Harriet Zuckerman
- 13 Robert Merton & Harriet Zuckerman
- 14 Michaux - Monsaingeon
- 15 Morgenstern, Oskar
- 16 Morot-Sir - Perkins
- 17 Pickering - Rappleye
- 18 Renzetti - Skolimowski
- 19 Soderholm - Tenney
- 20 Trefouel - Weibel
- 21 Weibel – Worms

**SERIES V: ARTIFACTS & OVERSIZE**

- 1** EKG rolls; Collins Metabolism Calculator (autographed cardboard chart); decorative metal stickpin which reads “III Congresso Europeo di Cardiologia Roma 1960”
- 2** EKG rolls; index cards with Cournand’s notes on them
- 3-6** EKG rolls

**Map Case 2, Drawer 13**

Oversized Cardiac Charts (very fragile)  
Cardiac Patient Readings of Respiratory Rate, Blood Volume, etc., 1944

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**SERIES VI: PATIENT RECORDS (RESTRICTED)**

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- 1 Cournand, André F.: portraits
- 2 Cournand, André F.: childhood portraits
- 3 Cournand, André F.: in groups, at meetings (unidentified, undated)
- 4 Cournand, André F.: with wife, Sibylle, undated
- 5 Cournand, André F.: receiving honorary degree from University of Lyon, 1958
- 6 Cournand, André F.: receiving honorary degree from Columbia University, 1965
- 7 Cournand, André F.: Nobel Laureates meeting, Lindau, Germany, 1978
- 8 Cournand, Ruth F.: portraits and with A.F. Cournand, undated
- 9 Cournand Family: miscellaneous photos, undated
- 10 Bellevue Hospital Chest Service: two group shots, 1951 and undated
- 11 Bellevue Hospital Chest Service: photos of individual members: William Briscoe, Yale Enson, Harvey Fritts, Dudley Rochester, and Ewald Weibel
- 12 Catheter and other equipment
- 13 Congress of Internal Medicine, Madrid, 1956
- 14 Hammersmith Hospital/Postgraduate Medical School (London): photo of staff members with signatures of John McMichael and E.P. Sharpey-Schafer, among others, on reverse, dated "Xmas, 1946"
- 15 International Congress of Physiology (20<sup>th</sup>, Brussels), 1956
- 16 Lasker Award recipients, 1950
- 17 Nobel Prize ceremony, Dec. 1956
- 18 Illustrations used in scientific articles (almost entirely graphs)
- 19 Dedication of Nobel Science Hall, Gustavus Adolphus College, St. Peter, Minnesota, May 4, 1963: Photo album
- 20 Dept. of Medicine, Columbia-Presbyterian Medical Center, June 1960
- 21 Cournand, Andre F.: receiving honorary doctorate, University of Strasbourg, 1957
- 22 Unidentified photos

Loose in box:

Album of photos and text relating to the production of a phonograph record of Cournand by the Bayer Company, 1983-1986

**SERIES VIII: COURNAND BOUND REPRINTS (shelved separately)**

**Reprints, Vol. 1 - 1933-1946**

"The shrunken pulmonary lobe with chronic bronchiectasis."

"Applicability of rebreathing method for determining mixed venous CO<sub>2</sub> in cases of chronic pulmonary disease."

**André F. Cournand Papers, 1927-1984**

- “Cardiac output in relation to unilateral pneumothorax in man.”
- “Relation of the regulatory mechanism of respiration to clinical dyspnea.”
- “Skin reactivity to protein and carbohydrate fractions isolated from tubercle bacillus cell.”
- “Disturbance of action of respiratory muscles as a contributing cause of dyspnea.”
- “Distribution of respiratory gases in a closed breathing circuit. I. In normal subjects.”
- “Distribution of respiratory gases in a closed breathing circuit. II. Pulmonary fibrosis and emphysema.”
- “Intravenous saline infusion as a clinical test for right-heart and left-heart failure.”
- “Pulmonary and circulatory function before and after thoracoplasty.”
- “Pulmonary function in pulmonary tuberculosis under various forms of collapse therapy.”
- “Graphic tracings of respiration in study of pulmonary disease.”
- “Studies on the intrapulmonary mixture of gases. I. Nitrogen elimination from blood and body tissues during high oxygen breathing.”
- “Studies on the intrapulmonary mixture of gases. II. Analysis of the rebreathing method (closed circuit) for measuring residual air.”
- “Studies on the intrapulmonary mixture of gases. III. An open circuit method for measuring residual air.”
- “Circulatory failure in bilateral pneumothorax with high intrapleural carbon dioxide.”
- “Catheterization of the right auricle in man.”
- “Pulmonary insufficiency. I. Discussion of a physiological classification and presentation of clinical tests.”
- “Pulmonary insufficiency. II. The effects of various types of collapse therapy upon cardiopulmonary function.”
- “Pulmonary insufficiency. III. Cases demonstrating advanced cardiopulmonary insufficiency following artificial pneumothorax and thoracoplasty.”
- “Influence of body size on gaseous nitrogen elimination during high oxygen breathing.”
- “Pressure in the right auricle of man in normal subjects and in patients with congestive heart failure.”
- “Studies on intrapulmonary mixture of gases. IV. The significance of the pulmonary emptying rate and a simplified open circuit measurement of residual air.”
- “Pressure of blood in the right auricle, in animals and in man: under normal conditions and in right heart failure.”
- “Comparison of results of the normal ballistocardiogram and a direct Fick method in measuring the cardiac output in man.”
- “Pulmonary function after pneumonectomy in children.”
- “The effect of pneumonectomy upon cardiopulmonary function in adult patients.”
- “Oxygen therapy in chronic suppuration of the lung: A report of eight cases.”
- “Studies of the arterial oxygen saturation in the post-operative period after pulmonary resection.”
- “Studies of the circulation in clinical shock.”
- “Studies of the circulation in shock.”
- “Studies on intrapulmonary mixture of gases. V. Forms of inadequate ventilation in normal and emphysematous lungs, analyzed by means of breathing pure oxygen.”
- “Recording of right heart pressures in man.”
- “The renal circulation in shock.”
- “Chemical, clinical, and immunological studies on the products of human plasma fractionation.”

## **André F. Cournand Papers, 1927-1984**

VIII. Clinical use of concentrated human serum albumin in shock, and comparison with whole blood and with rapid saline infusion.”

“Circulation in shock: mechanical and vasomotor factors.”

“Circulation in traumatic shock in man.”

“Measurement of cardiac output in man using the technique of catheterization of the right auricle or ventricle.”

“Double lumen catheter for intravenous and intracardiac blood sampling and pressure recording.”

“Symposium on cardiac output.” A. Cournand, chairman. “Introduction”, and “Measurement of cardiac output in man using right heart catheterization.”

“Physiological and clinical studies on intermittent pressure respirators and manual methods for producing artificial respiration in man.”

“Recording of right heart pressures in normal subjects and in patients with chronic pulmonary disease and various types of cardio-circulatory disease.”

“The influence of the respiration on the circulation in man: with special reference to pressures in the right auricle, right ventricle, femoral artery and peripheral veins.”

“Effects on circulatory and respiratory functions of various forms of respirator.”

“Physiologic studies on man with the pneumatic balance resuscitator, ‘Burns Model’.”

“Changes in plasma volume and mean arterial pressure after the intravenous injection of concentrated human serum albumin in 38 patients with oligemia and hypotension.”

## **Reprints, Vol. II 1947-1951**

“Recent observations on the dynamics of the pulmonary circulation.”

“Latent period between electrical and pressure pulse waves corresponding to right auricular systole.”

“A follow-up study of the cardiopulmonary function in four young individuals after pneumonectomy.”

“Intravascular and intracardiac pressure recording in man: electrical apparatus compared with the Hamilton manometer.”

“The influence of short periods of induced acute anoxia upon pulmonary artery pressures in man.”

“A simple procedure for the controlled administration of intravenous fluids.”

“Recording of blood pressure from the left auricle and the pulmonary veins in human subjects with interauricular septal defect.”

“Observations on the clinical use of intermittent positive pressure.”

“Relation between electrical and mechanical events of the cardiac cycle in normal and abnormal clinical states.”

“Contribution to the symposium on congenital heart disease.”

“Physiological studies of the effects of intermittent positive pressure breathing on cardiac output in man.”

“Studies of the pulmonary circulation at rest and during exercise in normal individuals and in patients with chronic pulmonary disease.”

“Intermittent positive pressure breathing: a means of administering artificial respiration in man.”

“Comparison of the Fick and dye injection methods of measuring the cardiac output in man.”

**André F. Cournand Papers, 1927-1984**

- “Pulmonary insufficiency. I. Physiological classification, clinical methods of analysis, standard values in normal subjects.”
- “Some effects of quinidine sulfate on the heart and circulation in man.”
- “Pure congenital pulmonary stenosis and idiopathic congenital dilatation of the pulmonary artery.”
- “The relationship between electrical and mechanical events in the cardiac cycle of man.”
- “Pulmonary insufficiency. II. A study of thirty-nine cases of pulmonary fibrosis.”
- “Hemodynamic studies in two cases of Wolff-Parkinson-White Syndrome with paroxysmal AV nodal tachycardia.”
- “Pulmonary insufficiency. III. A study of 122 cases of chronic pulmonary emphysema.”
- “‘Ideal’ alveolar air and the analysis of ventilation-perfusion relationships in the lungs.”
- “Some effects of digoxin upon the heart and circulation in man: digoxin in left ventricular failure.”
- “Cathétérisme du coeur droit chez l’homme: Mésure du debit du coeur, des pressions intracardiaques et de leur variations.”
- “Studies of pulmonary circulation and gas exchange in 3 cases following the resolution of various diffuse miliary infiltrations of the lungs.”
- “Analysis of ventilation-perfusion relationships in the lungs.”
- “Pulmonary circulation and alveolar ventilation-perfusion relationships after pneumonectomy.”
- “Some effects of digoxin upon the heart and circulation in man. Digoxin in chronic cor pulmonale.”
- “The relation between electrocardiographic evidence of right ventricular hypertrophy and pulmonary arterial pressure in patients with chronic pulmonary disease.”
- “Intermittent reversal of flow in a case of patent ductus arteriosus: A physiologic study with autopsy findings.”
- “The Fourth Walter Wile Hamburger Memorial Lecture, Institute of Medicine of Chicago: Some aspects of the pulmonary circulation in normal man and in chronic cardiopulmonary diseases.”
- “Pulmonary insufficiency. IV. A study of 16 cases of large pulmonary cysts or bullae.”
- “The influence of mitral valvular disease of rheumatic origin upon the dynamics of the circulation, with special reference to indications for surgery.”
- “Pulmonary function following decortication of the lung.”
- “Effects of cortisone and ACTH in cases of chronic pulmonary disease with impairment of alveolar-capillary diffusion.”
- “Physiopathologic aspects of chronic pulmonary emphysema.”
- “The Q-T interval in chronic cor pulmonale.”
- “Newer methods in the diagnosis of congenital cardiac anomalies.”
- “Influence of chronic pulmonary disease on the heart and circulation.”
- “Clinical and physiologic features of some types of pulmonary diseases with impairment of alveolar-capillary diffusion: the syndrome of ‘alveolar-capillary block’.”
- “Analysis of factors affecting partial pressures of oxygen and carbon dioxide in gas and blood of lungs: Theory.”
- “Analysis of factors affecting partial pressures of oxygen and carbon dioxide in gas and blood of lungs: Methods.”
- “Cardiopulmonary function in hematogenous pulmonary tuberculosis in patients receiving streptomycin therapy.”

**André F. Cournand Papers, 1927-1984**

**Reprints, Vol. III 1952-1957**

“Clinical and physio-pathologic considerations in certain types of pulmonary granulomata and fibroses.”

“Analysis of factors affecting concentrations of oxygen and carbon dioxide in gas and blood of lungs: Results.”

“Cardiac catheterization in the study of congenital cardiovascular anomalies: an evaluation.”

“Effects of acute anoxia on the circulation and respiration in patients with chronic pulmonary disease studied during the ‘steady state’.”

“A discussion of the concept of cardiac failure in the light of recent physiologic studies in man.”

“Hemodynamic studies in rheumatic heart disease.”

“Hemodynamic studies in tricuspid stenosis of rheumatic origin.”

“Cardiopulmonary function in the pulmonary form of Boeck’s sarcoid and its modification by cortisone therapy.”

“Editorial: Report of committee on cardiac catheterization and angiocardiology.”

“Report of committee on cardiac catheterization and angiocardiology of the American Heart Association.”

“Heart.”

“The treatment of chronic cor pulmonale.”

“Mechanical and myocardial factors in chronic constrictive pericarditis.”

“Comparative studies, in normotensive man, of the effectiveness, retention, and elimination of various plasma expanders.”

“The oxygen cost of breathing.”

“The fate of circulating lactic acid in the human lung.”

“Mechanical and myocardial factors in rheumatic heart disease with mitral stenosis.”

“Blood flow through each lung in man during unilateral hypoxia.”

“Circulatory effects of mitral commissurotomy with particular reference to selection of patients for surgery.”

“Cardiocirculatory performance in atrial flutter.”

“Ventilatory drive in chronic pulmonary emphysema.”

“The mysterious influence of unilateral pulmonary hypoxia upon the circulation in man.”

“Current concepts in the management of asthma, emphysema, and chronic pulmonary infections: Transcription of a panel meeting on therapeutics.”

“The effect of exercise on the splanchnic blood flow and splanchnic blood volume in normal man.”

“Cardiocirculatory studies in pulsus alternans of the systemic and pulmonary circulations.”

“Time relationship of dynamic events in the cardiac chambers, pulmonary artery and aorta in man.”

“Influence of acetylcholine on human pulmonary circulation under normal and hypoxic conditions.”

“Preliminary observations on the effects in man of continuous perfusion with acetylcholine of one branch of the pulmonary artery upon the homolateral pulmonary blood flow.”

“Validité et valeur de différentes méthodes d’étude de l’hémodynamique dans ses rapports avec la chirurgie cardiaque.”

“Physiological principles in the management of pulmonary emphysema.”



## **André F. Cournand Papers, 1927-1984**

“The blood volume in heart disease.”

“Allocution prononcée lors de la remise des insignes du doctorat honoris causa.”

“Validation of a method for measuring the output of the right ventricle in man by inscription of dye-dilution curves from the pulmonary artery.”

## **Reprints, Vol. IV 1958-1975**

“The effect of acetylcholine on the human pulmonary circulation under normal and hypoxic conditions.”

“Effect of severe unilateral hypoxia on the partition of pulmonary blood flow in man.”

“Contrôle de la circulation pulmonaire chez l’homme normal.”

“Estimation of volume of a circulatory model by the Hamilton and the Bradley methods at varying flow/volume ratios.”

“Pulmonary circulation: historical background and present day status of knowledge in man.”

“Fate of radioactive krypton ( $\text{Kr}^{85}$ ) introduced intravenously in man.”

“Uneven ventilation of normal and diseased lungs studied by an open-circuit method.”

“The efficiency of ventilation during voluntary hyperpnea: studies in normal subjects and in dyspneic patients with either chronic pulmonary emphysema or obesity.”

“Defauts et avantages de la notion de ventilation alvéolaire en clinique et physiologie.”

“Physiological factors regulating pressure, flow and distribution of blood in the pulmonary circulation.”

“Effect of acetylcholine on the distribution of pulmonary blood flow in patients with chronic pulmonary emphysema.”

“Some circulatory effects of 5-hydroxytryptamine in man.”

“Studies of the ventilation-perfusion relationships in the lungs of subjects with chronic pulmonary emphysema following a single intravenous injection of radioactive krypton ( $\text{Kr}^{85}$ ). I. Presentation and validation of a theoretical model.”

“Effects of acute hypoxia and exercise on the pulmonary circulation.”

“Effects of breathing carbon dioxide upon the pulmonary circulation.”

“Lung volume, alveolar ventilation and perfusion inter-relationships in chronic pulmonary emphysema.”

“Separate performance of both ventricles in man during the early phase of exercise, as analyzed by the method of selective radiocardiography.”

“Fraction of maximum breathing capacity available for prolonged hyperventilation.”

“Estimation of pulmonary arteriovenous shunt-flow using intravenous injections of T-1824 dye and  $\text{Kr}^{85}$ .”

“Les mécanismes de l’hypoxie artérielle au cours des insuffisances respiratoires et des cirrhoses du foie.”

“A method for the determination of the volume of air in the lungs: measurements in chronic pulmonary emphysema.”

“Estimation of flow through bronchial-pulmonary vascular anastomoses with use of T-1824 dye.”

“Oxygen consumption of tissues in the human lung.”

“In vivo studies with an intravascular and intracardiac reflection oximeter.”

“Quantitative radiocardiography. I. Theoretical considerations.”

#### **André F. Cournand Papers, 1927-1984**

- “Quantitative radiocardiography. III. Results and validation of theory and method.”
- “La circulation pulmonaire dans les maladies chroniquement obstructives du poumon et des bronches.”
- “Emploi d’un isotope du krypton ( $Kr^{85}$ ) dans l’exploration fonctionnelle cardiovasculaire et pulmonaire.”
- “Hémodynamique et échanges respiratoires dans le choc.”
- “Utilization of oxygen in the lungs of patients with diffuse, non-obstructive pulmonary disease.”
- “Normal respiratory and pulmonary circulatory functions.”
- “Foreword.” (To E. Weibel’s *Morphometry of the Human Lung*.)
- “Pulmonary mechanics, gas exchanges, and circulation during acute bouts of asthma and in intervening periods.”
- “Intracardiac oximetry in congenital heart disease.”
- “Preface.” (To S. Hale’s *Statistical Essays: Containing Haemastatics*.)
- “Oxyhemoglobin dissociation curve in liver disease.”
- “Intrapulmonary exchange of the stable isotope  $^{18}O_2$  injected intravenously in man.”
- “The relationship between clinical and physiological findings in chronic obstructive disease of the lungs.”
- “Cardiac output in cor pulmonale.”
- “Nature et mécanisme des hypoventilations alvéolaires.”
- “Tendances actuelles des recherches de physiologie cardiovasculaire.”
- “Trends in cardiovascular physiology.”
- “Différentes formes de choc et facteurs mécaniques, vasomoteurs, cardiaques et métaboliques associées.”
- “Développement des idées de prospective en Amérique du Nord.”
- “Introductory remarks, symposium on organ transplantation in man.”
- “The code of science: Analysis and some reflections on its future.”
- “Presentation of the Kober Medal for 1970 to Dickinson W. Richards, Jr.”
- “Prospective philosophy and methods: Some reflections on their preliminary application to medical education.”
- “Application d’un programme d’éducation prospective à la Faculté de Médecine de l’Université Columbia.”
- “Applications of prospective thinking and method to medical education: the initial results of a practical experiment.”
- “Exploring possibilities for reshaping medical education: some interim results.”
- “Overcrowding, a disease of social growth.”
- “Dickinson Woodruff Richards: 1895-1973.”
- “Dickinson Richards: Physiologist, physician, medical leader, historian, humanist and man.”

#### **Reprints, Vol. V - Lectures, Chapters, Revues, Prefaces, 1950-1976**

- “Pulmonary circulation and alveolar ventilation-perfusion relationships after pneumonectomy.”
- “Cardiopulmonary function in chronic pulmonary disease.”
- “The syndrome of “alveolar-capillary block”. Clinical, physiologic, pathologic and therapeutic considerations.”
- “Control of the pulmonary circulation in normal man with some remarks on methodology.”

#### **André F. Cournand Papers, 1927-1984**

- “Control of the pulmonary circulation in normal man.”
- “The historical development of the concepts of pulmonary circulation.”
- “Remarques sur le développement historique de nos connaissances concernant la circulation pulmonaire.”
- “Physiological factors regulating pressure, flow and distribution of blood in the pulmonary circulation.”
- “The degree of variation of blood perfusion and of ventilation within the emphysematous lung, and some related considerations.”
- “Summary of Conference.”
- “Air and blood.”
- “The relationship between clinical and physiological findings in chronic obstructive disease of the lungs.”
- “Quelques inconsequences du développement accelere de la recherche scientifique et technique et des moyens d’y remedier.”
- “The pulmonary circulation in normal man and in chronic cardiopulmonary diseases.”
- “Preface.” (to S. Hales’ *Statical Essays: Containing Haemastaticks.*)
- “Classification des insuffisances respiratoires.”
- “The role of the university in planning for the future.”
- “Preface.” (to J. Hamburger’s *The Power and the Frailty.*)
- “Foreword.” (to *Modern Science and Moral Values. Proceedings of the Second International Conference on the Unity of Sciences.*)
- “The significance and future of the scientist’s code.”
- “Du concept de la conjonction de l’air et du sang dans le poumon. Développement historique, contribution recente.”
- “Introduction and Discussion.” (to *Normal Values for Respiratory Function in Man.*)
- “Cardiac catheterization: development of the technique, its contributions to experimental medicine, and its initial applications in man.”
- “Applications of prospective thinking and method to medical education: the initial results of a practical experiment.”
- “Foreword.” (to G. G. Nahas’s *Keep Off the Grass.*)
- “The scientist’s code: its role in the development of an ethic of our time.”

#### **Reprints, Vol. 6 - Cardiac Catheterization in Congenital Heart Disease, 1949**

#### **Reprints, Vol. 7 - Prospective, History, Sociology, Prefaces, 1957-1976**

- “Le développement des idées de prospective en Amerique de Nôrd.”
- “Applications of prospective thinking and method to medical education: the initial results of a practical experiment.”
- “Exploring possibilities for reshaping medical education: some interim results.”
- “The historical development of the concepts of pulmonary circulation.”
- “Air and blood.”
- “Preface.” (to S. Hales’s *Statical Essays: Containing Haemastaticks.*)
- “Cardiac catheterization: development of the technique, its contributions to experimental medicine, and its initial applications in man.”

### **André F. Cournand Papers, 1927-1984**

- “The code of science: analysis and some reflections on its future.”
- “On the codes of science and scientists.”
- “The role of the university in planning for the future.”
- “Overcrowding, a disease of social growth.”
- “Allocution prononcée lors de la remise des insignes du doctorat honoris causa.”
- “Presentation of the Kober Medal for 1970 to Dickinson W. Richards, Jr.”
- “Preface.” (To J. Hamburger’s *The Power and the Frailty*.)
- “Foreword.” (To *Modern Science and Moral Values. Proceedings of the Second International Conference on the Unity of Sciences*.)
- “The significance and future of the scientist’s code.”
- “Preface.” (To W. Forssmann’s *Experiments on Myself*.)
- “Foreword.” (To G.G. Nahas’ *Keep off the Grass*.)
- “The scientist’s code: its role in the development of an ethic of our time.”

### **Reprints, Vol. 8 - L’insuffisance cardiaque chronique, 1951**

### **Reprints, Vol. 9 - Shock, Cardiopulmonary Function in Lung and Heart Diseases, 1943-69**

- “Studies of the circulation in shock.”
- “Symposium on cardiac output: Introduction and Measurement of cardiac output in man using right heart catheterization.”
- “Contribution to the symposium on congenital heart disease.”
- “Some aspects of the pulmonary circulation in normal man and in chronic cardiopulmonary diseases.”
- “Newer methods in the diagnosis of congenital cardiac anomalies.”
- “Cardiopulmonary function in chronic pulmonary disease.”
- “Clinical and physio-pathologic considerations in certain types of pulmonary granulomata and fibroses.”
- “The syndrome of ‘alveolar-capillary block’. Clinical, physiologic, pathologic and therapeutic considerations.”
- “Cardiac catheterization in the study of congenital cardiovascular anomalies: an evaluation.”
- “A discussion of the concept of cardiac failure in the light of recent physiologic studies in man.”
- “Heart.”
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- “Hemodynamique et échanges respiratoires dans le choc.”
- “Pulmonary mechanics, gas exchanges, and circulation during acute bouts of asthma and in intervening periods.”
- “The relationship between clinical and physiological findings in chronic obstructive disease of the lungs.”
- “Trends in cardiovascular physiology.”
- “Introductory remarks.” (Symposium on organ transplantation in man.)
- “The degree of variation of blood perfusion and of ventilation within the emphysematous lung, and some related considerations.”
- “Summary of conference.”
- “The pulmonary circulation in normal man and in chronic cardiopulmonary diseases.”

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	3	Cournand publications (loose), 1957-1981, and undated (very incomplete)
	4	<i>Album de L'Internat</i> , 1927 (yearbook of the Paris hospitals; Cournand's photo is included in the Hôpital Beaujon section)
	5	American Alpine Club: Certificate of Appreciation, 1981
	6	American College of Cardiology, 18 <sup>th</sup> Annual Convocation: Program & transcript relating to election of Cournand as Honorary Fellow, 1969
	7	American College of Physicians, Phillips Memorial Award, 1952: letter from Cyrus Stugis and award citation for Cournand
	8	Annual reports of the Cardio-Pulmonary Laboratory to the Dept. of Medicine, College of Physicians & Surgeons, 1961-1975 (incomplete)
	9	Bellevue Hospital: Cardio-Pulmonary Laboratory guest book, 1953-1966
	10	Columbia University: Honorary degree, 1965, citation and commencement Program; Professor emeritus citation, 1964
	11	Cournand, Ruth Fabian: letters from André Cournand, 1956-1973; death certificate, 1973
	12	Cournand, Ruth Fabian: letters from others, 1966-1973
	13	Glickman, Robert M.: paper for <i>Science</i> ; correspondence and draft, 1986
	14	New York Academy of Sciences: Life membership to Cournand – letter and certificate, 1973
	15	“Origin and Historical Development of Clinical Physiology in Pulmonary Disease,” lecture, Milan, Nov. 23, 1984: correspondence, program, draft
2	1-2	<i>Sclérose en Plaques Aiguë</i> , André Cournand (Paris, Legrand, 1930), 2 c.
	3	Trip to Germany, 1952: original diary notes
	4	Trip to Germany, 1952: typed copy of diary
	5	University of Strasbourg: correspondence, program, and Cournand's address when awarded an honorary doctorate, 1957
	6	Miscellaneous correspondence, 1975, 1985 and undated Nobel Prize, 1956
	7	Letters of congratulations, A, 1956
	8	Letters of congratulations, B, 1956
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	6	Bills for trip to Stockholm, Dec. 1956
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	11	Nobel Laureates dinner at the White House, 1962: Invitation
		Centre International de Prospective
	12	Correspondence and printed material, 1958-1961
13	Centre correspondence with Adolf Berle, 1961-1962	
14	Articles by Michel Godet, 1983	
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	2	Papers, 1974-1978
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4-6	Papers on Risk, Dec. 1980	
<b>5</b>		Medals: French, other European and American Newsclippings 1950s (very fragile)
<b>6</b>		Certificates, rolled and flat
<b>7</b>		<i>Prospective</i> , nos. 1-15 (May 1958-Apr. 1969) <i>Futuribles 2000</i> (or later, <i>Futuribles</i> ), nos. 27, 29, 33-42, 44, 71-72 (Oct. 1979-Dec. 1983, with gaps) Other printed matter of the Prospective movement, 1950s-1970s
<b>8</b>		1 reel film of 1956 Nobel Prize ceremony
		1 box academic regalia, University of Strasbourg, 1957
		4 rolled photographs
<b>9</b>		(flat box) [Includes some items from original Cournand accession] Columbia University Honorary Degree, 1965 (in portfolio) Quotation from Dickinson Richards (framed) <i>Les Prix Nobel en 1956</i> [speeches of the recipients] Lasker Award citation 1949 (in portfolio) Citation from the American Heart Association, 1957 (in portfolio)

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5 rolled diplomas  
Medal: Lindau, 1975 (in box)

**In Map Case 2-13**

1 plaque

Phonograph record: "The Voice of the Physician: André Cournand. The roots and the budding. The adventures of the intellectual life of a medical scientist" (2 copies), c.1980?

1 framed portrait of Cournand used as the cover art for the record album

Diploma, Free University of Brussels, 1959

Academic regalia, Free University of Brussels, 1959

[also, material from original accession]

**Box:** 1 box academic regalia (Brussels, 1959)