PUBLICATIONS

Department of
PATHOLOGY
MEDICAL COLLEGE OF GEORGIA

A Bibliography, 1838–2000

EDITED BY
A. Bleakley Chandler

AUGUSTA, GEORGIA
2006
ACKNOWLEDGEMENTS

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NOTE: A bound copy of this bibliography is available without charge as long as the supply lasts. Send request to Dr. A. B. Chandler, Department of Pathology, BF-122, MCG or to >bchndlr@mail.mcg.edu<
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PREFACE ix

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This bibliography is a companion volume to the history of pathology at the Medical College of Georgia published in 2000. The present volume provides a picture of the scientific and research accomplishments of the pathology faculty and staff from 1838 to 2000. One can see the wide scope of contributions over the years and the areas of emphasis with the passage of time, beginning with Louis Alexander Dugas in 1838, one year after the Chair of Physiology and Pathological Anatomy was established. Pathology was taught in connection with physiology for most of the nineteenth century and with bacteriology in the early twentieth century. An assistant to the chair was added in 1895. As the faculty continued to grow, departmental status was granted in 1913.

Dugas held the chair from 1838 to 1850. He was also a practicing surgeon, which accounts for the surgical nature of many of his articles. He went on to occupy the Chair of Surgery in 1850. Very few publications appeared for the rest of the nineteenth century until Theodore Eugene Oertel was appointed to the pathology chair in 1898. Like Dugas, he was a prolific writer whose articles were often clinically oriented. Oertel became the Professor of Ophthalmology, Otolaryngology and Rhinology in 1913.

There followed a long drought in publications until the early 1930s when the modern era of the department got underway. The appointment of Edgar Rudolph Pund as the Professor of Pathology and Bacteriology in 1931 marked

a turning point in the scientific and research output of the department. Thenceforth, many papers began to appear. A moving force in the resurgence of scholarly activity was the young, energetic Robert B. Greenblatt, who joined the department in 1935. At first, there was heavy emphasis on studies of venereal diseases and later on, neoplasia.

From the 1930s on, much of the research cited in this bibliography was supported by extramural grants and fellowships, and from 1958 to 1970 by a departmental research training grant. Internal funding also played a significant role in research and consequent publications. These internal funds were derived mainly from retained professional income.

Once the Medical College acquired its own teaching hospital in 1956, the pathology faculty under the leadership of Leland D. Stoddard expanded rapidly as did publications over a broad range of interests. The unique position pathology holds between clinical medicine and the biomedical sciences lends itself to collaborative endeavors, which is amply demonstrated in this volume.

The bibliographic sources are: Southern Medical and Surgical Journal, 1838–1867; Index Medicus, 1873–1934; Transactions of the Medical Association of Georgia, 1878–1910; Journal of the Medical Association of Georgia, 1911–1934; the annual reports of the department from 1934–2000; individual curricular vitae and the retrieval services of the National Library of Medicine and the British Library. Bound reprints from 1932–1976 housed in the departmental library were also consulted.

In each entry of the bibliography, an author’s name in bold type denotes a faculty or staff member of the Department of Pathology. Former members who authored articles based on studies conducted while in the department are similarly identified. An index of the pathology department authors with the year of each publication is appended.

The legacy of sustained contributions to medical knowledge by the pathology faculty and staff spanning more than 160 years provides a solid base for continued progress in the years ahead. As questions arise and concepts of disease evolve, new and compelling scientific inquiries will further advance pathology in the twenty-first century.

March 1, 2006

A. Bleakley Chandler
PUBLICATIONS

1838


1839


Dugas, L. A. Mortality in Augusta, during the years 1837 and 1838. Southern Medical and Surgical Journal 3:648–650, 1839.

1845


Dugas, L. A. Extirpation of the mamma of a female in the mesmeric sleep, without any evidence of sensibility during the operation. Southern Medical and Surgical Journal, New Series 1:122–125, 1845.

Note: Authors’ names in bold type are pathology faculty and staff.
1845, cont’d.


1846


Dugas, L. A. *An Address to the Class of the Medical College of Georgia at the Opening of the Session of 1846–7; Containing a Sketch of the Improvements in Medicine During the Present Century*. Augusta: Published by the Class, James McCafferty, Printer, 1846.

1847


1849

1849, cont’d.


1850


1852


1854


1855


1867

1900


Oertel, T. E. What to send to the microscopist and how to prepare it. *Transactions of the Medical Association of Georgia* 355–366, 1900.

Where a cell arises, there a cell must have previously existed (omnis cellula e cellula), just as an animal can spring only from an animal, a plant only from a plant.

Rudolph Virchow, 1859

1901


1902


1904


1905

1906


1907


1910


1912


1923

Sydenstricker, V. P., W. A. Mulherin, and R. W. Houseal. Sickle cell anemia: Report of two cases in children, with necropsy in one case. *American Journal of Diseases of Children* 26:123–154, 1923. (First reported case of sickle cell anemia with necropsy. S. Lichtenstein and R. V. Lamar performed the necropsy study; their findings, with illustrations, are included and acknowledged in the article.)
1928


1932


1933


1934


1935


1936


1936, cont’d.


1937


1937, cont’d.


1938


1938, cont’d.


1938, cont’d.


1939


1939, cont’d.


1940


1941


1942


1944


1945


1946


1947


1947, cont’d.


1948


1949


1950

1950, cont’d.


1951


1952


1953


1954


1955


1956


![Fig. 13. Adrenal-enucleated rat, 7 weeks. Fibrinoid necrosis and thick layer of sub endothelial fibrinoid material in arteriole of ventricular wall of heart. PAS stain. X 322.](image)


1958

1958, cont’d.


(The preceding three articles are a tribute to Dr. Edgar R. Pund on the occasion of his retirement in 1958 as President of the Medical College of Georgia.)

\[
A \text{ doctor above all should be the servant of all, but the bireling of none.}
\]

**Edgar R. Pund, 1955**

1959


1960

1960, cont’d.


1961


1961, cont’d.


1961, cont’d.


1962


---

Fig. 13. A gross photograph of a rabbit’s lung, containing a pulmonary arterial thrombus 3 weeks after embolization. The original thrombus has become a fibrofatty atherosclerotic plaque (arrow), identified grossly at the T-shaped arterial bifurcation as an eccentric, butter yellow thickening of the intima. Buffered formalin fixation.

Fig. 14. A section of the plaque depicted in Figure 13. Characteristic layers of endothelium, elastica, collagen, lipophages and minute capillary channels comprise the plaque, beneath which the arterial media is atrophic. Resorcin fuchsin stain. × 160.
1962, cont’d.


1962, cont’d.


1963


1963, cont’d.


1964


MCG gets electron microscope. *Foundation and Alumni News*, Medical College of Georgia, December, 2–4, 1964. (Describes equipment and research grants awarded the Department of Pathology.)


1964, cont’d.


1964, cont’d.


Those who have dissected or inspected many [bodies] have at least learned to doubt, when the others, who are ignorant of anatomy, and do not take the trouble to attend to it, are in no doubt at all.

J. Baptistae Morgani, 1761

1965


1965, cont’d.


1966

1966, cont’d.


1967


1968, cont’d.


1968, cont’d.


1969


1969, cont’d.


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The dependence of research on education is of fundamental importance. Scientific investigation is the fruit of a tree which has its roots in the educational system, and if roots are neglected and unhealthy there will be no fruit.

WILLIAM H. WELCH, 1907

---

1970


1970, cont’d.


1971


1971, cont’d.


1972


Smith, L. L., C. F. Plese, B. P. Barton, S. Charache, J. B. Wilson, and T. H. J. Huisman. Subunit dissociation of the abnormal hemoglobins G Georgia (α₂^{95Leu} (G2) β₂) and Rampa (α₂^{95Ser} (G2) β₂). *The Journal of Biological Chemistry* 247, no. 5:1433–1439, 1972.
1972, cont’d.


Glassman, A. B. General principles of radioimmunoassay with specific clinical application of digoxin determinations. Continuing Education Lectures, Southeastern Chapter, Society of Nuclear Medicine, No. 16:1–11, 1972.


1973


1973, cont’d.


1974


1974, cont’d.


1975


1975, cont’d.


1976

**Akamatsu, Y. (Yasuyuki).** Casein and 3–methylcholanthrene carcinogenesis in inbred C57BL/60s female mice. *Journal of the National Cancer Institute* 57, no. 6:1367–1370, 1976.


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**Fig 1.—Liver section.** Myoid layer lining apparently normal bile canaliculi is easily distinguished from the cytoplasm (tannic acid–phosphomolybdic acid–Levanol Brilliant Red 3BA, original magnification ×400).

**Fig 3.—Liver section from 10-month-old infant with atresia of bile ducts.** Most bile canaliculi are dilated and surrounded by prominent myoid layer. Such hypertrophy supports theories that layer is contractile and aids bile flow under positive pressure (tannic acid–phosphomolybdic acid–Rose Bengal G, original magnification ×630).


1976, cont’d.


1977


1977, cont’d.


1978


1978, cont’d.


1978, cont’d.


1979


1979, cont’d.


1980


1980, cont’d.


The Old Pathology’s diseases are used up concepts and their names are worn out words.

Leland D. Stoddard, 1980


1980, cont’d.


1981


1981, cont’d.


1982


1982, cont’d.


1982, cont’d.


1982, cont’d.


**If I set out to prove something, I am no real scientist—I have to follow where the facts lead me—
I have to learn to whip my prejudices.**

Lazzaro Spallanzani, c. 1780


1983


Krauss, J. S. and M. H. Jonah. Alpha-methyl glucoside antibody containing gel eliminates the need for 125I-antiFVIIIRAG in the measurement of FVIIIRAG binding to concanavalin A. *Thrombosis Research* 30:539–541, 1983.


1983, cont’d.


1983, cont’d.


1984


1984, cont’d.


1984, cont’d.


1985


1985, cont’d.


1985, cont’d.


1985, cont’d.


1986


1986, cont’d.


1986, cont’d.


1986, cont’d.


![Fig. 5 (left)]. Torn fragment of synovium with embedded shards of cartilage. Scanning electron microscopy.

![Fig. 6 (right)]. Synovium with shards of ochronotic cartilage. Hematoxylin and eosin.


1987, cont’d.


1987, cont’d.


1988


1988, cont’d.


1988, cont’d.


1988, cont’d.


---

Preconceived ideas are like searchlights which illuminate the path of the experimenter and serve as a guide to interrogate nature. They become a danger only if transformed into fixed ideas.

Louis Pasteur, c. 1880

1989

1989, cont’d.


1989, cont’d.


1989, cont’d.


1989, cont’d.


1989, cont’d.


1990


1990, cont’d.


1990, cont’d.


In making theories always keep a window open so that you can throw one out if necessary.

Bela Schick, 1965

1991


1991, cont’d.


**1992**

1992, cont’d.


1992, cont’d.


1992, cont’d.


1992, cont’d.


1993


1993, cont’d.


Gilman J. G., O. Josifovska, S. Erlingsson, **P. F. Milner**, and R. L. Nagel. Direct demonstration that the $\alpha^T$ globin gene is linked to the 4 bp promoter deletion in the $\beta^A$ chromosome of sickle cell traits. *American Journal of Hematology* 43, no. 4:312–315, 1993.


1993, cont’d.


1994


1994, cont’d.


1994, cont’d.


---

*The scientific method is a potentiation of common sense... it can be resolved into a dialogue between fact and fancy, the actual and the possible; between what could be true and what is in fact the case.*

**Peter B. Medawar, 1969**

---

1995


1995, cont’d.


1995, cont’d.


1996


1996, cont’d.


1996, cont’d.


1997


1997, cont’d.


1997, cont’d.


**Figure 2.**
Supranuclear localization of Rab11. In low-grade dysplastic cells within esophageal resection specimens (a and b), Rab11 immunoreactivity was localized to a well-defined supranuclear region.


1997, cont’d.


1997, cont’d.


1998


1998, cont’d.


1998, cont’d.


1998, cont’d.


\[
\text{The practice of good medicine depends on good practice of pathology. Each is essential to the other and cannot long survive alone.}
\]

\[\text{A. Bleakley Chandler, 1972}\]

1999


1999, cont’d.


1999, cont’d.


1999, cont’d.


2000


2000, cont’d.


*The scientific journey has no end. It has only halting places—points at which the traveler can look round and survey.*

*Charles Sherrington, 1941*
PDAY PUBLICATIONS

CORE PUBLICATIONS:

PATHOBIOLOGICAL DETERMINANTS OF
ATHEROSCLEROSIS IN YOUTH (PDAY) RESEARCH GROUP,
1990–2000


PDAY Publications, cont’d.


PDAY Publications, cont’d.


PDAY Publications, cont’d.


PDAY Publications, cont’d.


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(page 11)
Inscribed by Aschoff while on a visit to the University of Osaka, 1924; contributed by Dr. Makoto Miyamoto.

Claude Bernard
(page 62)

A. Bleakley Chandler
(page 116)

Geoffrey Chaucer
(page xi)
*The Parlement of Foules*, c. 1380.

Peter B. Medawar
(page 98)

J. Baptistae Morgagni
(page 26)

Theodore E. Oertel
(page 5)
In: *Pandora*, 1911, Volume 24. (Student yearbook of the University of Georgia and the Medical Department at Augusta, Georgia).

Louis Pasteur
(page 78)

Edgar R. Pund
(page 17)
Bela Schick

Charles Sherrington

Lazzaro Spallanzani

Leland D. Stoddard

Rudolph Virchow

William H. Welch
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F. R. Skelton  
Fig. 13, page 1052, reprinted from *Am. J. Pathol.* 1956, 32:1037–1053 with permission from the American Society for Investigative Pathology.

R. A. Hand and A. B. Chandler  

R. H. Badaruddin et al.  

J. J. Gaines  

A. S. Antonov et al.  

G. S. Ray et al.  
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- O’Rear, H. B., 1958
- Sydenstricker, V. P., 1958
- MCG gets electron microscope, 1964
- Multicenter study of atherosclerosis, pages 123–127