



Inventory of the Cecile and Gerald Edwards Collection

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Descriptive Summary

The Cecile and Gerald Edwards Collection is an artificial collection of clippings, articles, and research journals accumulated by the F. D. Bluford Library Archives and Special Collections on the lives and careers of the husband and wife team of Drs. Cecile and Gerald Edwards.

Repository

F. D. Bluford Library Archives and Special Collections

Creator

Dr. Cecile H. Edwards

Dr. Gerald A. Edwards

Title

"Cecile and Gerald Edwards" Box 001

Language of Materials

English

Extent

1 archival box, 1.25 linear feet (16 inches)

Abstract/Biographical Note

Gerald A. Edwards (c. 1922-2005) and his wife, Cecile H. Edwards (1927-2005) were both prominent scientists. They met at a conference for Distinguished Negro Scientist held in Greensboro, N.C. where they would marry 3 months later. Gerald A. Edwards was the chairman of the chemistry department at North Carolina A&T State University from 1956 to 1970. He received a doctorate degree in physical chemistry with a minor in mathematics at the University of Buffalo (now State University of New York at Buffalo) in 1951. He headed the A&T College Summer Institute for High School Science Teachers which was a six-week program that the teachers called "Tough, but interesting and worthwhile." Alongside doing research with his wife where they received several grants.

Dr. Cecile H. Edwards received her doctorate degree in Nutrition from Iowa State University. When she and her husband made the decision to move to NC A&T, they came with the newly awarded National Institutes of Health research grant for the studies on metabolism and methionine. Which would end up being supported for fourteen years and continued for four more once she moved to Howard University. Once at Howard University she would establish the Ph.D. program in nutrition the only program of that type at a predominantly Black institution in the U.S. Dr. Cecile H. Edwards also had other research supported by the U.S Department of Agricultural, The National Science Foundation, and the Atomic Energy Commission. She had more than 160 publications, received several honors from Iowa State University, N.C A&T State University, and Howard University, and the state of Illinois (her some state) made April 5, 1984 Cecile Hoover Edwards Day for outstanding contribution to science by the National Council of Negro Women.

Administrative Information

Restrictions to Access

No Restrictions

Acquisitions Information

Please consult Archives Staff for additional information.

Processing Information

Processed by Gabrielle Smith, January – March 2020

Preferred Citation

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Online Catalog Headings

[African American Scientist](#)

[African Americans North Carolina Greensboro.](#)

[Black Women in STEM](#)

[African American Nutrition](#)

[Women Scientist in North Carolina](#)

Container List

1.1. Series 001: Clippings.

1.1.1 “Aggie James Mitchell Receives Engineering Honor”. *Carolina Peacemaker*. March 25, 1993.

1.1.2 Newspaper Photographs. Pictured: Students, J.W. Walker, Mrs. Gladys Brown. Caption: Attending the Summer Institute for High School Science Teacher at A&T College observe with Institute Director, Dr. Gerald A. Edwards, chairman of the Chemistry Department. *Foto News*. September 5, 1959.

1.1.3 Newspaper Photographs. Pictured: Student, Dr. Gerald H. Edwards, Dr. Cecile H. Edward. Caption: This research team at A&T College has received a grant of \$12,341 to continue its study

of the "Utilization of Methionine by the Adult Rat," a research project in nutrition. *The National Foto News*. November 14, 1959.

1.1.4 Newspaper Photographs. Pictured: Pictured: Student, Dr. Gerald H. Edwards, Dr. Cecile H. Edwards. Caption: This research team at A&T College has received a grant of \$12,341 to continue its study of the "Utilization of Methionine by the Adult Rat," a research project in nutrition. Unknown Publisher. No Date Found.

1.1.5 Newspaper Photographs. Pictured: Student, Dr. Gerald H. Edwards, Dr. Cecile H. Edwards. Caption: This research team at A&T College has received a grant of \$12,341 to continue its study of the "Utilization of Methionine by the Adult Rat," a research project in nutrition. Unknown Publisher. October 3, 1959

1.1.6 "A&T Science Institute Tough But Interesting". *Future Outlook*. July 25, 1959.

1.1.7 Newspaper Photographs. Pictured: Dr. Cecile Edwards, Richard E. Walker, Henry H. Richard. Caption: Enrolled in Home Economics. Date and Publisher Unknown

1.1.8 "History of the North Carolina Agricultural And Technical College ". By Warmoth T. Gibbs, *The Quest for Goals and Objectives*, pg 37. 1966

1.1.9 "U.S Funds A&T Study of Protein Deficiency". *Greensboro Daily News*. February 23, 1970. (3 copies)

1.1.10 "Gerald A. Edwards". *News & Record*. June 11, 2005. (3 copies)

1.1.11 Newspaper Photographs. Pictured: Dr. Cecile Edwards, Richard E. Walker, Henry Richardson. Caption: First to Enroll In Home Economics/ Something New. *Carolinian and Pittsburgh Courier*. February 28, 1959.

1.1.12 "A&T Gets \$50,900 Grant For Science Institute". *Future Outlook*. November 2, 1958., *Carolinian*. December 27, 1958., *Afro-American*. December 6, 1958.(2 copies)

1.1.13 "A&T College Gets \$ 11,000 Research Grant". *Future Outlook*. October 4, 1958. *Charlottesville Tribune*. October 10, 1958. (6 copies)

1.1.14 Newspaper Photographs. Pictured: Dr. M. Kent, Dr. Gerald A. Edwards, Robert R. Herbin, Earl P. Royal. Caption: Scientist Lectures At A&T College. *Carolinian*. January 31, 1959.

1.1.15 Newspaper Photographs. Pictured: Dr. M. Kent, Dr. Gerald A. Edwards, Robert R. Herbin, Earl P. Royal. Caption: Chat With Tufts Professor. *Afro-American*. January 31, 1959.

1.1.16 "Cecile H. Edwards". *News & Record*. September 21, 2005. (2 copies)

1.1.17 Newspaper Photographs. Pictured: Dr. Cecile H. Edwards, Dr. Gerald A. Edwards, and Evelyn Gadsden. Caption: Get Research Grant. *Pittsburgh Courier*. October 11, 1958 (2 copies). *Journal & Guide*. October 18, 1958 (2 copies). *Afro- American*. October 11, 1958.

1.1.18 Newspaper Photographs. Pictured: Dr. Cecile H. Edwards. Caption: Keynoter. *Carolina Times*. December 13, 1958. *Carolinian*. December 13, 1958. *Pittsburgh Courier*. December 13, 1958. *Journal & Guide*. December 13, 1958. (2 copies)

1.1.19 "A&T College Gets Grant of \$65,276 In Support of Scientific Research". *Charlottesville-Albemarle Tribune*. April 30, 1964. *Carolina Times*. No Date. (2 copies)

1.1.20 "A&T Gets \$ 125,000 In Federal Grants". *Unknown Publisher*. June 18, 1964. *Greensboro Daily News*. May 17th, 1964. (2 copies)

1.1.21 " Gets \$65,276 Research Grant". *Afro-American*. May 2, 1964. *Pittsburgh Courier*. May 2, 1964. *Journal and Guide*. May 2, 1964. (2 copies)

1.1.22 "Research Grant Awarded A&T". *The Charlotte Post*. May 2, 1964. *Greensboro Daily*. April 26, 1964. (2 copies)

1.1.23 " Dr. Cecile Edwards Is Named Outstanding Woman Scientist" *Pittsburgh Courier*. No Date. "Dr. Cecile Edwards". *No Publication*. No Date. "Science Paper by A&T College Prof Published In Sweden". *Future Outlook*. August 16, 1963. "A-T researchers make important discovery". *Afro-American*. September 24, 1963. "Honored". *Unknown Publication*. December 24, 1963. (2 copies)

1.1.24 " Edwards Back From Scientific Meet in Europe" *Carolina Times*. September 28, 1983. *Afro- American*. September 28th, 1983. (2 copies) Newspaper Photographs. Pictured: Alice Jean Kea, James Mitchell, Daisy Hodge, and Larry Graddy. Caption: In Undergraduate Research Program. *Unknown Publisher*. November 23, 1963. *Carolina Times*. November 16, 1963. (2 copies)

1.1.25 "Higher Degrees & Extensive Travel Noted in A&T's Faculty". *The National Foto News*. June 13, 1959

1.1.26 "A & T College Prof. Gets Foreign Travel Aid". *Wilmington Journal*. July 13, 1963. *Future Outlook*. July 12, 1963. *Queen City Gazette*. July 25, 1963. *Afro-American*. July 18, 1963. (2 copies)

1.1.27 "Ladies Faculty Club Holds Party" *Peacemaker*. December 20, 1969. *Carolinian*. December 27, 1969.

1.1.28 "Husband-Wife Team Win \$102,000 For Diet Study". *Carolina Peacemaker*. February 28, 1970.

1.1.29 Newspaper Photographs. Pictured Dr. Gerald A. Edwards. Caption: Off To India. *Unknown Publisher*. No Date. *Unknown Publisher*. May 30, 1964. *Charlottesville-Albemarle Tribune*. July 11, 1964. (2 copies)

1.1.30 "A&T Science Institute Was "Tough But Interesting". *Carolinian*. August 1, 1969

1.1.31 "A&T "PROF" URGES CHANGE IN HIGH SCHOOL SCIENCE INSTRUCTION". *Future Outlook*. July 26, 1963.(2 copies)

1.1.32 Newspaper Photographs. Pictured J. Walker, Mrs. Gladys Brown, Dr. Gerald A. Edwards. Caption: Atomic Wonders. *Afro-American*. July 25. 1959

1.1.33 "A&T grad named top black engineer". *News & Record Greensboro, N.C.* April 4, 1993. (3 copies)

1.1.34 "Prof. Presents Paper At Nat'l Science Talks". *Carolina*. April 16, 1960

1.1.35 "Colorful Spring Weekend Planned For A&T Coeds". *Journal Grande*. April 26, unknown year.

1.1.36 Newspaper Photographs. Pictured Dr. Emil Witschi, Dr. Gerald A. Edwards, Dr. Artis P. Graves. Caption: Science Teachers Hear Famed Zoologist. *Journal & Guide*. July 25, 1959

1.2. Series Two Research Articles

1.2.1 "Utilization of Methionine by the Adult Rat VII. The Methyl Carbon of Methionine as a Source of Carbon in Cholesterol". By: Cecile H. Edwards, Evelyn L. Gadsden, and Gerald A. Edwards. *The Journal of the Elisha Mitchell Scientific Society*, vol. 79, no. 2. November, 1963

1.2.2 "Paper Chromatography of Amino Acids and Other Organic Compounds in Selected Solvents". By: Cecile H. Edwards, Evelyn L. Gadsden, and Gerald A. Edwards. *Journal of Chromatography of Amino Acids* vol. 2. 1959.

1.2.3 "Paper Chromatography of Certain Vitamins in Phenol and Butanol- Propionic Acid- Water Solvents". By: Cecile H. Edwards, Evelyn L. Gadsden, and Gerald A. Edwards. *Analytical Chemistry* vol. 32, no. 11. October, 1960. (2 copies)

1.2.4 "Autoradiography Patterns of Methionine-2-¹⁴C and Methionine-Methyl-¹⁴C in Tissue of the Adult Rat". By: Cecile H. Edwards, Evelyn L. Gadsden, Alfredo J. Webb and Gerald A. Edwards. *The Journal of Nutrition*, vol. 87, no. 2. October, 1965. (2 copies)

- 1.2.5 “Effect of Clay and Cornstarch Intake on Women and Their Infants”. By: Cecile H. Edwards, Solona McDonald, Joseph R. Mitchell, Lucy Jones, Lois Mason, and Louise Trigg. *Journal of the American Dietetic Association*, vol. 44, no.2. February, 1964.
- 1.2.6 “Utilization of Methionine by the Adult Rat VIII. Uptake of Methionine- ^{14}C and Methionine- $^{14}\text{H}_3$ by Tissues of the Gastrointestinal Tract”. By: Cecile H. Edwards, Evelyn L. Gadsden, and Gerald A. Edwards. *American Journal Gastroenterology*, vol.40., no.5. November, 1963. (2 copies)
- 1.2.7 “Utilization of wheat by adult man: excretion of vitamins and minerals 1By: Cecile H. Edwards, Lovie K. Booker, Cordella H. Rumph, Richard Craven, and Seetha N. Ganapathy. *The American Journal of Clinical Nutrition* vol. 24. May 1971.
- 1.2.8 “Utilization of wheat by adult man: nitrogen metabolism, plasma amino acids and lipids”. By: Cecile H. Edwards, Lovie K. Booker, Cordella H. Rumph, Richard Craven, and Seetha N. Ganapathy. *The American Journal of Clinical Nutrition* vol. 24. February 1971.
- 1.2.9 “Utilization of Methionine by the Adult Rat VI. Influence of Anesthesia and Surgery on the Uptake of Methionine- ^{14}C and Methionine-methyl- ^{14}C ”. By: Cecile H. Edwards, Evelyn L. Gadsden, and Gerald A. Edwards.. *The Journal of Surgical Research*, vol. 4, no. 3. March 1964
- 1.2.10 “Nitrogen Balances and Growth of Rats Fed Vegetable-Protein Diets”. By: Cecile H. Edwards, Elaine S. Thompson, and Mary H. Tyson. *Journal of American Dietetic Association*., vol. 48, no. 1. January, 1966.
- 1.2.11 “An Inexpensive Metabolism Apparatus for Collecting CO_2 , Excreta and Blood from Small Experimental Animals”. By: Cecile H. Edwards, Evelyn L. Gadsden, and Gerald A. Edwards. *Journal of Applied Radiation and Isotopes*, vol. 4 no. 3/4. March, 1958.
- 1.2.12” Distribution in Rat Tissues and Urine of Methionine Labeled with ^{14}C in Positions 1,2,3,4 or Methyl Carbon or with ^{35}S ”. By: Cecile H. Edwards, Surjan S. Rawalay, Curtis Higginbotham, and Gerald A. Edwards. *The Journal of the Elisha Mitchell Scientific Society*, vol. 88, no. 4. Winter, 1972
- 1.2.13 “The First Chancellor’s Executive Seminar for Careers”. *North Carolina Agricultural and Technical State University, Greensboro N.C.* April 29-30, 1985
- 1.2.14 “Nutrition Survey of 6200 Teen-Age Youth” By: Cecile H. Edwards, Gaynelle Hogan, Sandra Spahr, and Guilford County Nutrition Committee. *Journal of the American Dietetic Association*, vol. 45, no.6. December, 1964
- 1.2.15 “Cysteine, Tyrosine, and Essential Amino Acid Content of Selected Foods of Plant and Animal Origin”. By: Cecile H. Edwards and Cordella H. Allen. *Journal of Agricultural and Food Chemistry*, vol. 6, no. 2. March, 1958

1.2.16 “Moisture Content of Tissues of Normal, Surgically Treated, and Irradiated Rats” By: Cecile H. Edwards, Minnie R. Ruffin, Evelyn L. Gadsden, and Gerald A. Edwards. *The Journal of the Elisha Mitchell Scientific Society*, vol. 80, no. 1. May, 1964

1.2.17 “Effect of Irradiation on the Tissue Uptake of Methionine-2-C¹⁴ and Methionine Methyl-C¹⁴”. By: Cecile H. Edwards, Evelyn L. Gadsden, and Gerald A. Edwards. *Radiation Research*, vol. 22, no. 1. May, 1964.

1.2.17 “Methionine and Homocysteine as Protective Agents Against Irradiation Damage”, By Cecile H. Edwards, Evelyn L. Gadsden, Gerald A. Edwards. *Metabolism Vol. 13, No. 4*. April, 1964