

200

**UNICARTAGENA**

B I C E N T E N A R I A

1 8 2 7 - 2 0 2 7



¿Cómo y por qué hace  
años una mujer fue  
graduada de médica en la  
Universidad de Cartagena?:  
Paulina Beregoff

100

**Álvaro Monterrosa Castro**  
**Médico - Profesor Titular**  
**Universidad de Cartagena**

**Sociedad Colombiana de Historia de la Medicina**  
**Miembro de número Academia Nacional de Medicina**



**200**  
**UNICARTAGENA**  
BICENTENARIA  
1827 - 2027



**Tesis de grado: Acidosis. Jueces de Tesis: Camilo L. Delgado, Miguel A. Lengua, Manuel F. Obregón. Presidente de Tesis: Rafael Calvo Castaño**





## Cartagena de Indias

**\* Siglo XIX \***

**Población y activos: diezmados (sitios – guerras civiles – epidemias)**

**Dirigentes: fusilados, desplazados o en el exilio**

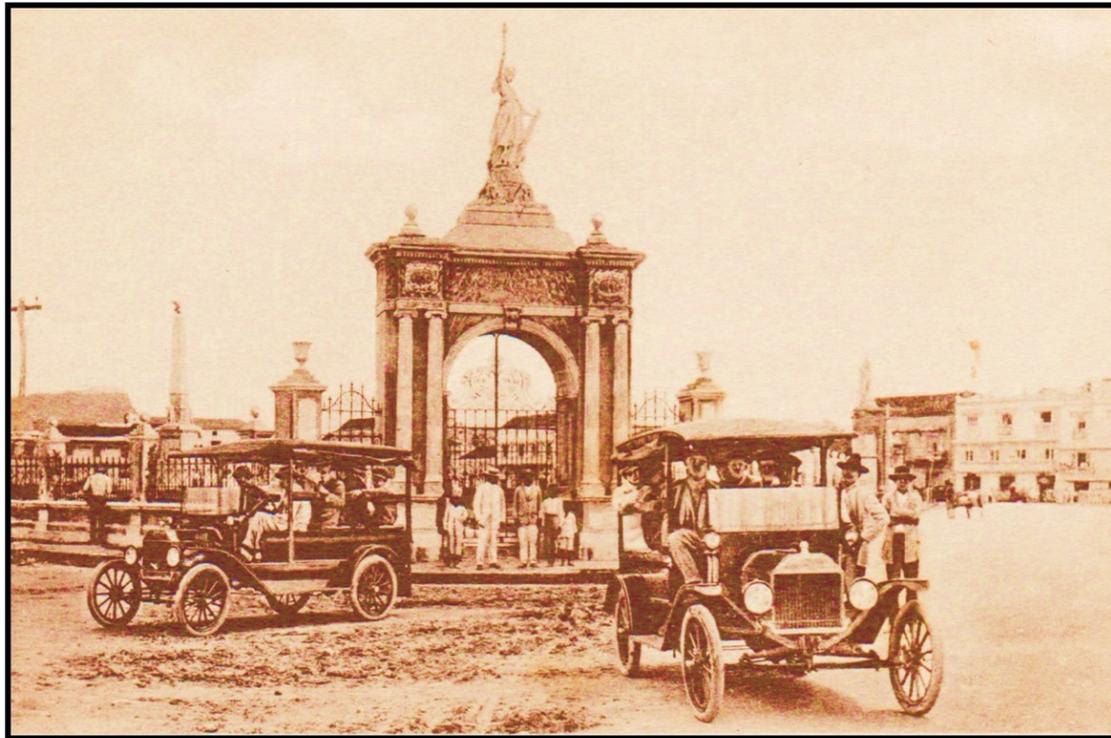
**\* Primeras décadas del siglo XX \***

**El postconflicto de la Guerra de los Mil días**

**Carencias ambientales, sanitarias, sociales, caída sustancial poblacional**

**Alta tasa de mortalidad infantil - Alta prevalencia de morbilidad infecciosa**

**Eventos febriles muy frecuentes, persistían las epidemias**



## 1918

**Tercer Congreso Médico Nacional  
SMCNB**

**Dejaron un listado de recomendaciones  
Para la academia y la asistencia**

**Primero (1894) Bogotá – Segundo (1913) Medellín**

**Sierra R, Simancas S.  
Revista Ciencias Biomédicas.  
2011;2(1):163-172**





**¿Había una universidad con facultad médica en esa ciudad?**

**Octubre – 1827  
Noviembre – 1828  
Diciembre – 1836**

**Cartagena, Cartagena, bellísima Cartagena, hecha solamente por las manos de Dios**  
*Paulina Beregoff-Gillow*

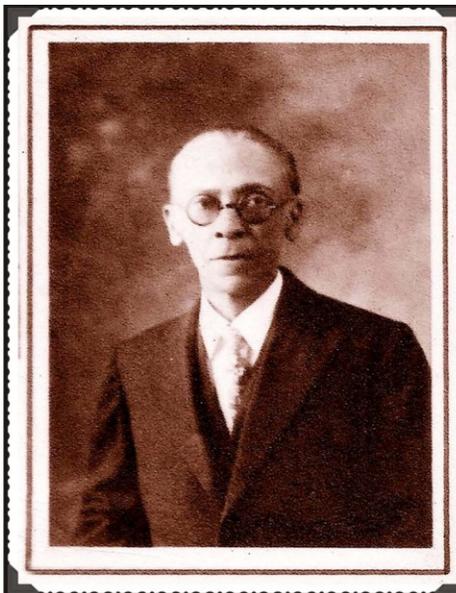




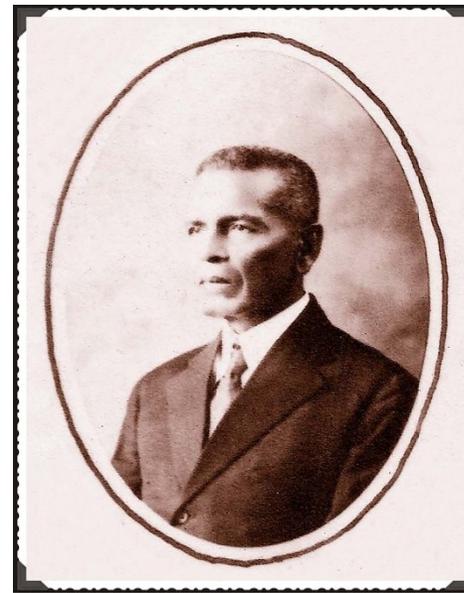
**1921:  
Epidemia Febril de Alta  
Mortalidad: Fiebre  
Amarilla – Malaria –  
Fiebre Tifoidea  
Impacto Adverso  
Portuario  
Repercusiones  
Negativas**

\*\*\*\*\*

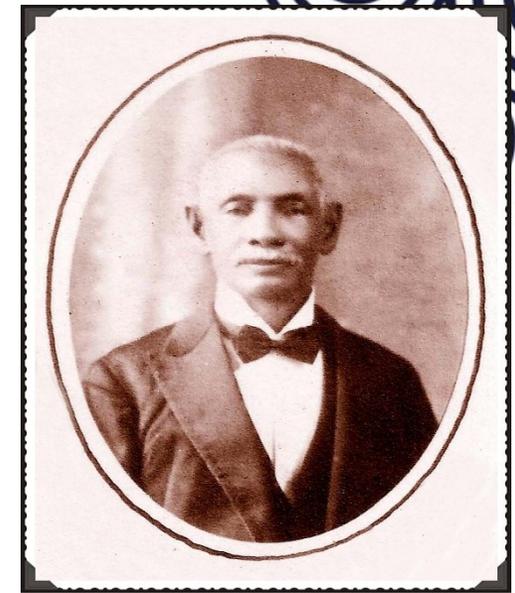
**“Traer Personal  
Calificado de Países  
Avanzados, Contratos  
Temporales,  
Entrenar a Colombiano”  
Tercer Congreso Médico  
Colombiano  
Cartagena – 1918**



**Rafael Calvo Castaño**



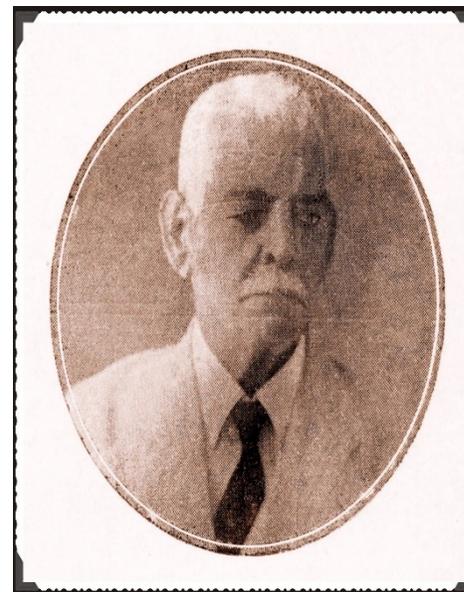
**Manuel F. Obregón**



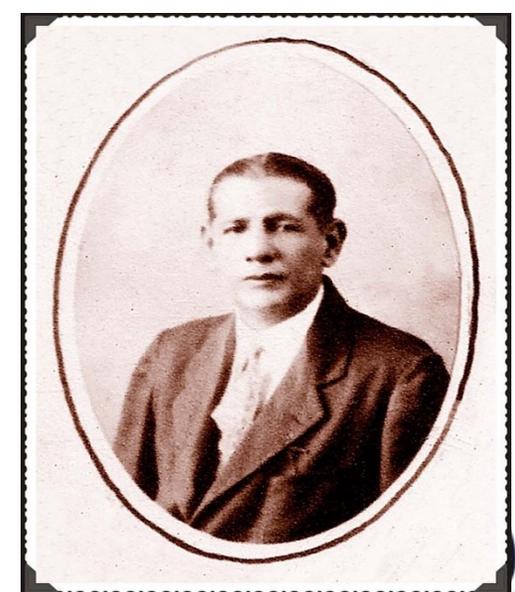
**Manuel Pájaro H.**



**Teofrasto A. Tatis**



**Francisco Cruz**



**Miguel A. Lengua**



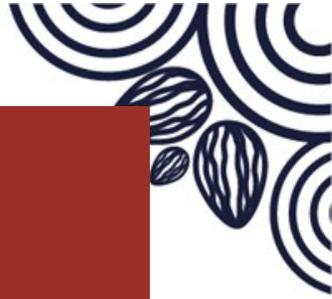


**TEMPLE UNIVERSITY  
PHILADELPHIA  
ESTADOS UNIDOS**



Publisher  
Temple News

**Decano va en 1921:  
Profesional de 20 años  
Laboratorio de Patología  
McMannes  
Universidad de Pensilvania  
The Rivas Bacteriological Society  
Graduada en 1921 de  
Bacteriología – Parasitología –  
Farmacia en Temple University  
Paulina Beregoff  
Nacida 1902 – Kiev – Rusia  
Imperial  
Familia aristocrática con  
ascendencia Judía que había  
migrado a Estados Unidos (1917)  
\*\*\*\*\*  
Barco SS Santa Marta  
Travesía de 8 días**





1921-1922  
Hospital Santa  
Clara  
Universidad  
Mujer  
Investigadora  
Dinámica  
Apoyo  
Asistencial  
Académico  
Extrovertida  
Sensibilidad  
**Microscopio**  
Posición  
Científica



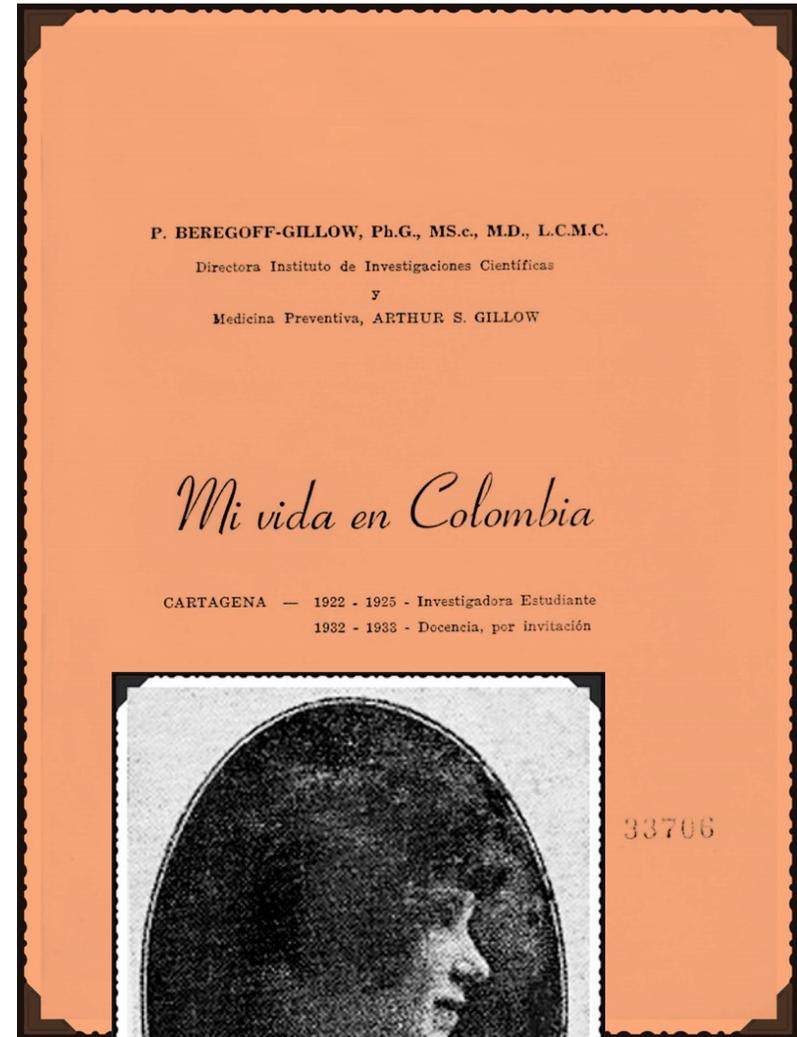
- **Gran Adquisición**
- **Estudia indígenas**
- **Viajar por el Rio Magdalena**
  - **Cultivos secreciones serologías – biopsias**
  - **Experimentos con parásitos**
- **Adopta posturas críticas**
  - **Prevención**
  - **Saneamiento**
  - **Gran despropósito**
- **Peligroso su ejemplo**
- **Una mala influencia**





**“Mi amor, pasaron días de felicidad, días de amargura, pero feliz de haber sido nombrada investigadora de las patologías que existían en Cartagena. Preparándome para salir de esa bella ciudad para buscar otros horizontes e ingresar a la Facultad de Temple University de Filadelfia, me abrumaron con cariño, médicos como los estudiantes, especialmente el doctor Rafael Calvo, pidiéndome que me quedara, que los estudiantes me necesitaban tanto como la facultad, para abrir las aulas a la mujer colombiana. Me convencieron y me quedé por el gran cariño que le tenía a la universidad. Inmediatamente me matriculé en la facultad de medicina y seguí como profesora de Bacteriología y Parasitología hasta terminar mis estudios”**

*Escrito en 1973*





14 de Enero de 1922  
Paulina realiza matricula  
Para el tercer año de medicina  
En la Universidad de Cartagena

**Primer:** Botánica. Física. Química.  
Anatomía-I. Zoología.

**Segundo:** Fisiología-I. Bacteriología

**Tercero:** Materia medica y  
farmacia. Fisiología-II. Patología  
General y Cirugía Menor.  
Anatomía-III.

Anatomía-IV. Anatomía Patológica.

**Cuarto:** Patología Interna-I.  
Patología Externa-I. Terapéutica.  
Clínica de Patología General y  
Anatomía Topográfica.

**Quinto:** Patología interna-II.  
Patología Externa-II. Obstetricia.  
Higiene. Enfermedades Tropicales.

**Sexto:** Medicina Legal. Clínica  
obstétrica. Clínica Ginecológica.  
Clínica de Patología Externa.  
Clínica de Patología Interna.



**PENSUN  
1922**

- Rol de la Mujer: Madre - Esposa – Casa – Cuidadora
  - Limitaciones educativas [Escuela del Bello Sexo]
    - Resistencia a las igualdades educativas
      - Reformas a los estudios primarios
        - Bachillerato a mujeres
          - Ley 39-1903
- Autonomía Universitaria  
Posibilidad de excepciones estudiantiles







1923 es nombrada por el Consejo Directivo de la Facultad de Medicina como profesora sustituta del curso de Bacteriología

- 1923: Una universidad o varias departamentales
- Por las condiciones excepcionales (diploma de bachiller) Paulina Beregoff en el ojo del huracán
  - Criticas y defensas: prensa local
- El 27 de Agosto: renuncia e informa su regreso a Estados Unidos. La universidad no acepta su renuncia
- La Sociedad Cartagenera la apoya y decide continuar [estudiante – docente – investigadora]

*“Es mujer que debe servir de ejemplo científico, que debe servir más de estímulo a la mujer colombiana para dedicarse al estudio de la hermosa rama de la microscopia”*

*Diario La Patria.  
Cartagena  
Agosto 28 de 1923*



THE CANADIAN MEDICAL ASSOCIATION JOURNAL  
INFECTON OF THE MOUTH IN RELATION TO DYSENTERY, WITH  
REPORT OF A CASE OF INTESTINAL AMŒBIASIS

[June 1935

BY PAULINE BEREGOFF, N.S., M.D.,

*Formerly Director of Experimental Medicine and Professor of Pathology and Parasitology,  
University of Cartagena, Colombia, S.A.,*

*Montreal*

**Con la inestimable ayuda e interés del Doctor Delgado, Cirujano Dentista, de Cartagena, Colombia, durante los años 1923 a 1925, tuve la oportunidad de estudiar una gran número de infecciones diferentes de la boca, especialmente la piorrea alveolar. Todos los casos de la piorrea estudiada presentaron amebas en las bolsas de las encías y en el 50 por ciento de los veces se parecían mucho a las Ameba Histolytica, tanto en preparaciones frescas como en teñidas. Se examinaron las heces de todos estos pacientes y en el 75 por ciento quistes de amebas fueron encontrados. A pesar de que en el momento de la observación ninguno se quejó de ningún trastorno intestinal, se sabía que antes o después padecieron de disentería amebiana.**

With the invaluable assistance and interest of Doctor Delgado, Dental Surgeon, of Cartagena, Colombia, during the years 1923 to 1925, I had the opportunity of studying a large number of different infections of the mouth, especially pyorrhea alveolaris. All the cases of pyorrhea studied presented Entamoebae in the pockets of the gums, and in 50 per cent the amoebae closely resembled the Entamoebae histolytica, both in fresh and in stained preparations. Stools were examined from all these patients and in 75 per cent encysted amoeba were found. Even though at the time of observation no intestinal disturbance was complained of, the patients were known to have suffered before or had suffered later from amebic dysentery.

REFERENCES

1. BEREGOFF, P.: Relaciones entre la Endameba Histolytica y la Endameba Gingivalis, *Revista Pasteur*, 1923, 5: 50.
2. DERIVAS, D.: Human Parasitology, W. B. Saunders Co., Phila., 1920, p. 74.
3. DERIVAS, D.: The effect of temperature on protozoan and metazoan parasites, and the application of intra-intestinal thermal therapy in parasitic and other affections of the intestine, *Am. J. Trop. Med.*, 1926, 6: 47.

VIERNES 15 DE JUNIO DE 1923

RIO DE LA COSTA—Cartagena.—Colombia

### El ministro chileno Carlos Garrido o Larrios se fuga de San Diego

Penal de San Diego acapulgarse de nuevo el reo Garrido o Larrios, uno de los actores del sombrero de la Calle de las Flores tranquila, condenado a años de presidio y en ocasión anterior se fugado, siendo aprehendidos meses más tarde en San Onofre.

puso en juego, para la fuga toda la astucia, la paciencia y la tan peligroso lo ha conseguido a poco con una labor paciente, el clavo que sujetaba de la puerta de su

### Circular a los Médicos

Cartagena, junio de 1923.  
Señor doctor:

En el presente mes de junio comenzará a publicarse, bajo la protección del Gobierno Departamental, de acuerdo con la Ordenanza número 50 de 1921, una Revista de Medicina, órgano de los estudiantes de la Facultad de Cartagena.

Será Director de la Revista el señor Carlos H. Pareja (Simón Latino), Administrador el señor Tomás Morales Muñoz y Redactores los estudiantes: P. Beregoff, Mario Fernández Mendez, Dimas Badel, Jorge Hernández Franco, Rodrigo de Vivero, Miguel R. Méndez y Manuel G. Miranda.

La Revista tendrá 24 páginas, entre avisos y material de lectura; cuenta con la provisión fija, mediante contrato, de fotografías.

## Compañía Real Holandesa

DE NAVEGACION.

AMSTERDAM—HOLANDA

EL VAPOR VAN RENSSSELAER

llegará a este puerto alrededor del (25) de junio y se despachará el mismo día con destino a Colón, Puerto Limón, Puerto Colombia, Curozao, Puerto Cabello, La Guaira, Trinidad, Barbados, Plymouth, Habre y Amsterdam

**ADMITE CARGA Y PASAJEROS**

EL VAPOR CRYJNSSEN

Llegará a este puerto, alrededor del nueve (9) de julio, y se despachará el mismo día con destino a los mismos puertos.

**ADMITE CARGA Y PASAJEROS**

EL VAPOR ORANJE NASSAU

Llegará a este puerto alrededor del (23) de julio y se despachará el mismo día con destino a los mismos puertos.

## Revista Pasteur

Ha llegado a nuestro pupitre el primer número de esta revista, que dicho sea de paso, es la de mejor presentación entre las que en su género se han editado en Cartagena.

Bajo la Dirección del aventajado estudiante, de medicina Carlos H. Pareja (Simón Latino) y teniendo como colaboradores a los Profesores y a los alumnos más avanzados de la Facultad, esta revista está llamada a proporcionar un gran desenvolvimiento en nuestra Escuela de Medicina avivando el espíritu de investigación y el amor a la ciencia.

Trae en la portada el retrato del gran Maestro cuyo nombre lleva y en sus páginas lectivas los de los eminentes doctores Jorge De Francisco Cabo y Raúl Bernett y Córdova seguidos de artículos originales de los mismos; el resto del material es todo interesante.

Grato nos es presentar nuestras sinceras felicitaciones a la Escuela de Medicina por tan importante órgano que irá a decir al mundo intelectual que en los estudiantes de medicina de Cartagena bulle el ansia de la investigación y del saber.



1924

Directora de investigación de lepra en el Lazareto Caño de Loro en Tierra Bomba [frente a Cartagena]

Chaulmugra - realizar cultivos -  
inoculación en animales

Critica las condiciones de vida de los leprosos

Problema de salud pública

Contaminación de la bahía

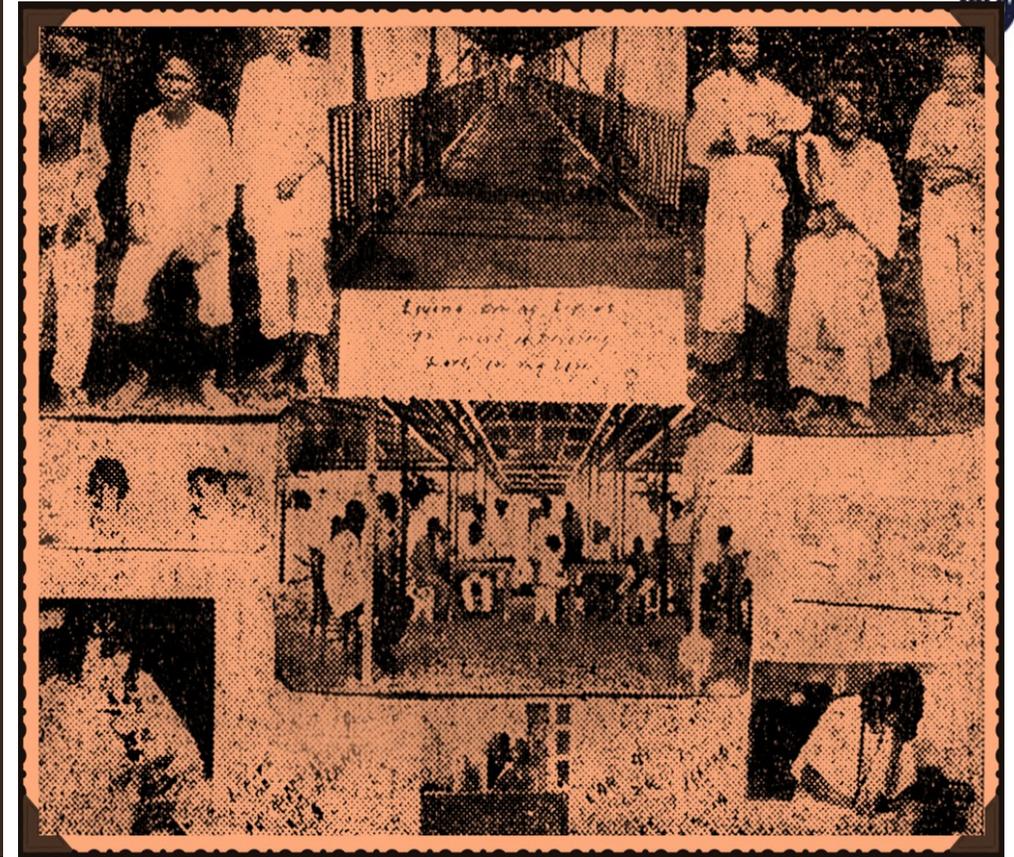
Contaminación de peces con la lepra

Periódico La Patria del 5 de agosto:

“La Lepra - Contagio de los Peces -  
Higiene”

Paulina Beregoff: En el Ojo del Huracán

1924  
profesora titular del curso de bacteriología parasitología. Nombrada preparadora del curso clínica de enfermedades tropicales y de la clínica de patología general



- *Los peces de colores*
- *El contagio de la lepra*
- *Un error científico*
- *Las teorías de la señorita Beregoff*
- *El temor de la enfermedad es propio de su sexo*

### SEASON'S FIRST OPPONENTS NEARLY WIPED OUT AS VOORHEES' WONDERS HIT STRIDE

#### TRIP TO HARRISBURG NETS NO VICTORIES

Gettysburg Trips T. U. 38-35 After Dickinson Wins 35-21

The stability to which Dickinson spin- ners' five-man defense proved costly to the Temple basketballers in their first game of the season with the Carlisle passers on Dickinson, Sat. Saturday night. The score was 35-21, in favor of the "Lancers." At half time the "Owls" were behind, 17-20.

The five-man defense was the Waterloo of the final and Montgomery five once before, when the Malvernians soundly beat the Cherry and White quintet at Conwell Hall early in the season.

There's foul shooting for the local lads was excessively slow making good six points on free tries. Gallagher and Kime were the stars for the Carlisle squad.

The Cherry and White passers took the Gettysburg squad last Monday night on the Gettysburg floor. The game continued fast throughout, and was featured by much show, snappy passing and quick shots to the basket.

Both teams played a hard game and the score at the end of the first half stood 28 to 15 in Gettysburg's favor. Jepson starred for Temple, while Gerald showed best for the rival team. Sam Dixon's legs rattled in the second half and scored 20 points in the opponents' 10, making the final score 38 to 35, the rival team winning by 2 points. The Carlisle players put just as many through the net and lost one of the foul tries. The small floor also hampered the playing of the Temple lads.

The line-up for the Dickinson game was: Dickinson Temple University Gallagher forward Lynch Cherylsky forward Thorne Goldberg center Jepson Irwin guard Shafr Kime guard Simms

#### OWL CAGEMEN FACE WASHINGTON TONIGHT

Spirited Duel in Conwell Hall as T. U. Averages Defeat

The Temple University five will take the floor tonight against one of the strongest clubs in the East, when they meet the Washington College passers on the Conwell Hall court at 8 o'clock. The preliminary game will be played between the Temple University High School and Sigma Nu fraternity from Lafayette College at 8 o'clock.

Washington College, with a fast veteran basketball team, was from the Naval Academy a few weeks ago by a 28 to 23 score, this being the first defeat suffered by the Midlites after eleven straight victories.

Coach Eames has been drilling the boys for the past week and they will be in good shape for the game. He has been trying out many combinations and trick plays. The boys have been working fabulously and the line-up will include "Alto" Lynch and Stackowski as forwards, Jepson, center, and Simms and Shafr, guards, with Unger, Kenneth Dooley and Rose entering.

#### Camden Five Victors 22-18 Over T. U. H. S.

A field goal by Barrett and one by Lee in an extra period of play was responsible for the 22-18 victory of the Camden Catholic High basketball team over the Temple High School five at the North Broad "Y" last Wednesday afternoon. At half time the Jerseyans were ahead 12-7, but in the following period the boys from Diamond street decisively caught up with or ahead of the game the figures were knotted at 18 all.

The Temple High School lads played an exceptionally good game on this occasion. Masteller and Blum starring. Lee and Barrett were the luminaries for the visitors.

#### Ursinus Makes Feeble Resistance Against Onslaught of Owllets

Temple Swamps Collegeville Sixette by 58-6 in Season's Opener Last Friday on Home Floor

#### CASTOR PILES UP 38 POINTS BY SENSATIONAL GOALS

The Carlisle team from Ursinus met with a whirlwind of concentrated energy and energetic motion last Friday afternoon in Conwell Hall, and, as many lads do in such a position, they merely lowered their heads and prayed for the end. When the end came, and the score was posted, it read "Temple 58-Ursinus 6."

Such a decisive defeat has never before been chalked up against Ursinus. Usually there is a two-point difference between the two teams, but this year the Voorhees-coached team had a propensiveness advantage through the whole of the two periods.

As we were during the game did the entire Temple "Varsity" party together; usually there were at least two spectators on the floor. Another important fact is that not a Temple girl commented

a foul during the entire thirty minutes of play. The game was clean, though at times a trifle slow. The guards had an afternoon of comparative rest, but the forwards were on the jump all the time.

Castor Casts Eighteen. Greer Carter shot the unbelievable total of eighteen field goals and two foul. Helen Sobler was in the game for a few minutes and managed to shoot three times to score several beautiful one-handed goals, which the fans of last year will remember as her specialty.

All the youngsters were given a chance to participate, and they certainly were at it in a business-like way. "Fritz" Harbrink gave a very good account of himself, as did also Keith Boston and Ronnie McCortland.

#### Life Saving Methods Shown in Temple Pool

Captain William C. Kieb Demonstrates Swimming Strokes and First Aid to Physical Edu.

Captain William C. Kieb, a life-saving demonstrator, of the National Headquarters of the American Red Cross, Washington, D. C., recently gave a demonstration in the Conwell Hall pool of the teaching of two-handed life physical education students, at the special invitation of Dr. Charles I. Prosser, Director of Athletics at Temple and a member of the Red Cross examining board.

Entered in a bathing suit, Captain Kieb jumped into the pool and while swimming spoke to the students. He demonstrated first the most essential thing in learning to swim is breath control. Then, with the aid of Louis Squalier, Jr., also a life-saving instructor and a student in the University, Captain Kieb exhibited the various methods of approaching a drowning person.

It is far better to be a mediocre swimmer, knowing only a few of the old-fashioned strokes, and to be able to rescue a drowning person, than to be an accomplished swimmer and ignorant of the fundamentals of life-saving, said Captain Kieb during his talk.

Using two more swimmers, Captain Kieb demonstrated how with the "service-kick" and the arm stroke, two persons could be saved by their hair. With Spritler at a signal, he then proceeded to show the method of bringing a person to shore and applying artificial respiration by the Shantler method.

#### Bryn Mawr Temple's Antagonist Tomorrow

Five Battle Expected from Well-Trained, Evidently-Matched Teams

Bryn Mawr, the Temple lads, will be met, and it is hoped, vanquished, tomorrow morning at 10 o'clock. This game should furnish the most thrills of the season, and those who raise it will be done out of thirty of the most exciting minutes of their lives.

#### Life Saving Methods Shown in Temple Pool

Captain William C. Kieb Demonstrates Swimming Strokes and First Aid to Physical Edu.

Captain William C. Kieb, a life-saving demonstrator, of the National Headquarters of the American Red Cross, Washington, D. C., recently gave a demonstration in the Conwell Hall pool of the teaching of two-handed life physical education students, at the special invitation of Dr. Charles I. Prosser, Director of Athletics at Temple and a member of the Red Cross examining board.

Entered in a bathing suit, Captain Kieb jumped into the pool and while swimming spoke to the students. He demonstrated first the most essential thing in learning to swim is breath control. Then, with the aid of Louis Squalier, Jr., also a life-saving instructor and a student in the University, Captain Kieb exhibited the various methods of approaching a drowning person.

It is far better to be a mediocre swimmer, knowing only a few of the old-fashioned strokes, and to be able to rescue a drowning person, than to be an accomplished swimmer and ignorant of the fundamentals of life-saving, said Captain Kieb during his talk.

Using two more swimmers, Captain Kieb demonstrated how with the "service-kick" and the arm stroke, two persons could be saved by their hair. With Spritler at a signal, he then proceeded to show the method of bringing a person to shore and applying artificial respiration by the Shantler method.

#### Bryn Mawr Temple's Antagonist Tomorrow

Five Battle Expected from Well-Trained, Evidently-Matched Teams

Bryn Mawr, the Temple lads, will be met, and it is hoped, vanquished, tomorrow morning at 10 o'clock. This game should furnish the most thrills of the season, and those who raise it will be done out of thirty of the most exciting minutes of their lives.

# TEMPLE UNIVERSITY WEEKLY THURSDAY, FEBRUARY, 13, 1925

...to miss it will be the most ex-... lives. ...o present its fullest e-up. Bryn Mawr, of basketball enth- from, will even be year.

2. Substitutions—Shafr for Graffman, Graffman for Kolomanski, Wooley for Dooley, Dooley for Unger, Unger for Dooley. Referee, Harbison. Time of halves—20 minutes.

GRAD WRITES FROM COLOMBIA. Miss Pauline Beregoff, of Cartagena, Colombia, writes that she is pleased to receive the notices of the educational meetings of the School of Pharmacy.

#### Nurmi to Run in Osteopathy Meet In Which T. U. Will Be Represented

Finish Track Wonder Will Go Out to Establish New Record in One and Three-Quarter Mile

#### FOURTEEN "OWLS" TO PARTICIPATE IN EVENTS

The principal feature of the Fifth Annual Meet of the Philadelphia College of Osteopathy, to be held at the 103rd Regiment Armory, Thirty-second street and Lancaster avenue, on Monday evening, February 16, at 8 o'clock, will be the 1 3/4-mile run in which Eakro Nurmi, world champion sprinter, will go out to establish a new record. Also Willie Ritola, champion sprinter, was invited to participate in the 3 1/2-mile race.

#### High School Basketeers Beat P. E. Frosh, 29-11

The High School basketball team played the Physical Ed. Froshmen on Friday afternoon, February 6, and won the game with a score of 29-11. A promising league has been organized to sustain the attack of the Diamond street boys. The coach of the High School team is arranging the position of the members of his team so that the boys will occupy positions in which they can

representing Temple will be registered as a member of the A. A. U. Special prizes will be awarded for all invitation events and the standard gold silver, and bronze Philadelphia College of Osteopathy medals for other events. A number of trophies will be awarded to colleges, high schools, and clubs by various institutions; they must be won for two years to gain permanent possession.

#### High School Basketeers Beat P. E. Frosh, 29-11

The High School basketball team played the Physical Ed. Froshmen on Friday afternoon, February 6, and won the game with a score of 29-11. A promising league has been organized to sustain the attack of the Diamond street boys. The coach of the High School team is arranging the position of the members of his team so that the boys will occupy positions in which they can

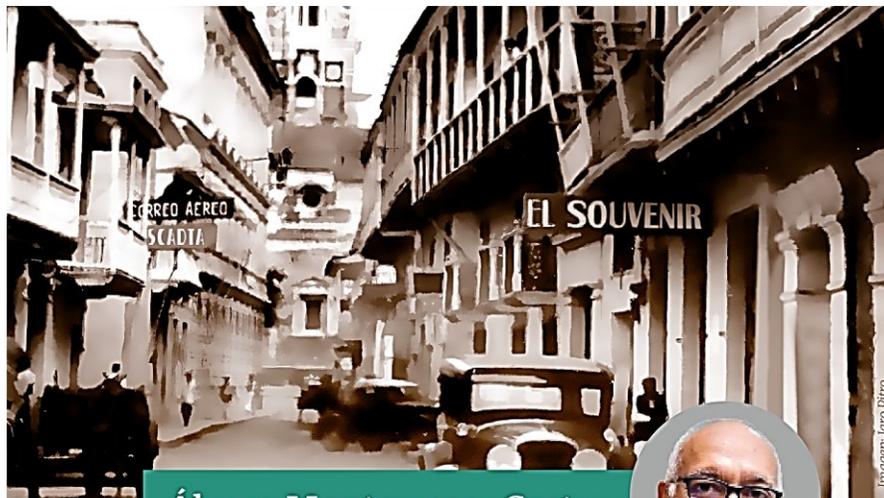




**1925:**  
**Cursando asignaturas del último año y solicita grado Anticipado**  
**Hace los cuatro preparatorios**  
**Realiza la tesis sobre acidosis**  
**El 17 de octubre de 1925 realiza la sustentación y Otorgan grado de**  
**Doctor en Medicina y Ciencias Naturales**  
**“Otra vez en el ojo del huracán”**

**Voces a Favor – Contra**  
**Críticas – Denuncias**  
**Resistencia a que una mujer obtenga título en una Universidad**

- La prensa local y nacional se entregaron discursos encontrados
- Resistencia al cambio - Rechazo a la educación femenina - Ataques contra los directivos
  - Justificaciones de los directivos – Una sociedad que aplaude y otra rechaza
    - Y si la Mujer se va a la Universidad: ¿Quién Cocina?
  - Debate: ¿Una sola universidad colombiana central y varias departamentales?



Álvaro Monterrosa-Castro



Hace 100 años  
 propusieron suprimir  
 la Escuela Médica  
 de la Universidad de Cartagena

En septiembre  
 de 1926,  
 el proyecto de  
 supresión de  
 las  
 universidades  
 departamentales  
 y la  
 centralización  
 universitaria  
 fue archivado



## THE TREATMENT OF AMŒBIC DYSENTERY

(A REPORT OF 10 CASES)

BY PAULINE BEREGOFF-GILLOW, M.D.

Montreal

A GREAT deal has been written on the effect of drugs on amœbæ, both *in vivo* and *in vitro* but little regarding the patient's response to the infection itself or to the drugs used in (amœbic abscess) who have been taking emetine periodically during two years or longer without detrimental effect. The dose, however, must be small and repeated only after a sufficient rest

\* Formerly Director of Experimental Medicine and Professor of Pathology and Parasitology of the University of Cartagena, Colombia; also Ex-fellow in Cancer Research of the New York City Cancer Institute.

## CRYPTOMYCES PLEOMORPHA HAS NO ETIOLOGICAL RELATION TO CARCINOMA

BY PAULINE BEREGOFF-GILLOW, PH.D., N.S., M.D.,\*

Montreal

IN the January, 1935, issue of this *Journal*, Dr. O. C. Gruner<sup>1</sup> described a very interesting microorganism of the ascomycetes order and named it *Cryptomyces pleomorpha*. Owing to the fact that the organism was isolated from the blood and malignant tissue of a patient suffering from general carcinomatosis, and because it appeared to be unlike other members of the ascomycetes, differing in pleomorphism and cultural characteristics, the question arose as to its etiological relation to malignant disease. For this reason I undertook further experiments to prove or disprove such a relationship.

## MATERIAL

1. Bloods of 50 cancer patient samples were taken from each patient on successive days at varying hours.
2. Forty-five specimens of malignant tissue were obtained immediately after the removal of the tumor.
3. Animals—80 rats derived from the same stock; 20 mice, all from the same stock.

\* Formerly Director of Experimental Medicine and Professor of Pathology and Parasitology of the University of Cartagena, Colombia; also Ex-fellow in Cancer Research of the New York City Cancer Institute.

animals were bred in the laboratory, and experimental work with other animals of the same families proved their susceptibility to tumour growth after transplantation of tumour tissue.

## TECHNIQUE

1. Ten c.c. of blood were obtained from each patient by venepuncture under the most aseptic conditions. We transferred this blood to three flasks, each containing 20 c.c. of Gruner's asparagus broth medium. One flask was placed in the incubator at 37.5° C.; one was kept at room temperature; and the third was kept at 4° C.

## THE IMPORTANCE OF EARLY DIAGNOSIS IN TUBERCULOSIS WITH SPECIAL REFERENCE TO BLENNORRHOEA

WITH A BRIEF REPORT OF TWO CASES

BY PAULINE BEREGOFF-GILLOW, PH.D., N.S., M.D.,\*

Montreal

IN the temperate zones mycotic diseases often pass unrecognized. There is no doubt that many cases abandoned as resistant to the treatment for supposed tuberculosis, syphilis or chronic suppuration, in which the specific organism was not found, were in reality mycotic affections that could have been cured by iodine therapy. It is essential that ulcerations or suppurations and the clinical manifestations of possible tuberculosis or syphilis, and any other skin or general affection should not be considered as diagnosed with certainty, unless either the microorganism or the specific serum reactions

prove the case to be of such etiology, for many of the mycotic diseases closely simulate the multiple foci of tuberculosis, syphilis and other chronic suppurations.

Fungi, like tubercle bacilli, may invade every part of the body. They may attack articular or osseous tissue, penetrate the teguments, and cause multiple abscesses which ulcerate or become absorbed; they may become secondary invaders of skin lesions, of the oral cavities, and, in fact, may localize and adopt a parasitic life in any part of the body. The most common seat they select, however, is the lung. Howes and Morse<sup>1</sup> state that the lungs were found to be the seat of infection in many of the cases that came to

Feb. 1935]

BEREGOFF: CALCIUM THERAPY

177

## CALCIUM THERAPY IN TROPICAL DISEASES

BY PAULINE BEREGOFF, N. S., M.D.,

Formerly Director of Experimental Medicine and Professor of Pathology and Parasitology at the University of Cartagena, Colombia, S.A.,

Montreal

A PREVIOUS investigation of the blood calcium in 1,000 apparently normal persons who were either natives or residents in the tropics for a considerable time showed a moderate deficiency led us to investigate the extent of calcium deficiency in tropical diseases, and to test the effect of calcium therapy, to learn whether calcium therapy would be of benefit.

## THE EFFECT OF CALCIUM THERAPY

For this investigation we used calcium glu-

## Clinical and Laboratory Notes

## AMŒBIC DYSENTERY: METHODS OF DIAGNOSIS

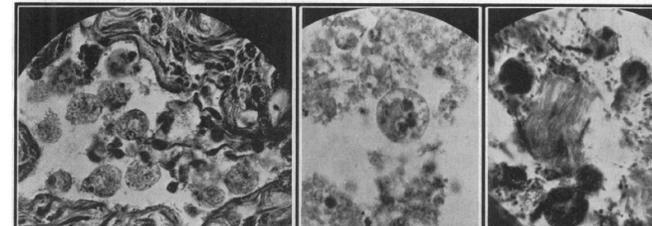
BY PAULINE BEREGOFF-GILLOW, M.D.

Montreal

It is a well established fact that amebiasis is becoming a clinical and public health problem in Canada. Immigration from foreign countries, returned travelers, dietary fads, with the increased use of raw foods, as well as belated diagnosis, all tend to increase the incidence of the disease in this country. The sooner the practising physician becomes familiar with the natural history of this infection, and learns the proper methods of diagnosis, the easier will the disease be controlled.

The digestive tract is the portal of entry of amœbæ. Encystment, according to Hegner,<sup>1</sup> takes place in the small intestine. The amœbæ then penetrate between the epithelial cells and the basement membrane into the depth of the intestinal glands, where lysis and displacement of epithelium results. The submucosa is gradually invaded (Fig. 1) and secondary infection gradually extends the ulcerations over the lower intestinal tract.

If the secondary infection is mild the symptoms of dysentery are practically nil, and the disease may be arrested within a short time with the proper treatment. The lesions in such cases show characteristic changes due to lysis by the amœbæ and practically no tissue reaction. Through the sigmoidoscope one may notice



# Paulina, la primera doctora de Colombia

La primera médica profesional que tuvo Colombia se graduó de la Universidad de Cartagena, se llamó Paulina Beregoff-Gilow, nació en Ucrania y ayudó a salvar a miles de cartageneros en el siglo XIX.



Paulina Beregoff-Gilow, la primera médica profesional que tuvo Colombia, nació en Ucrania y ayudó a salvar a miles de cartageneros en el siglo XIX.

UNA HISTORIA

La Universidad de Cartagena es el primer lugar en el mundo donde se graduó la primera médica profesional de Colombia, Paulina Beregoff-Gilow. Fue en 1893, cuando ella se graduó de la Facultad de Medicina de la Universidad de Cartagena.

Paulina Beregoff-Gilow fue la primera médica profesional de Colombia, se graduó en 1893 de la Facultad de Medicina de la Universidad de Cartagena.

Beregoff-Gilow nació en Ucrania, se mudó a Colombia en 1880 y se dedicó a la medicina. Fue la primera médica profesional de Colombia, se graduó en 1893 de la Facultad de Medicina de la Universidad de Cartagena.

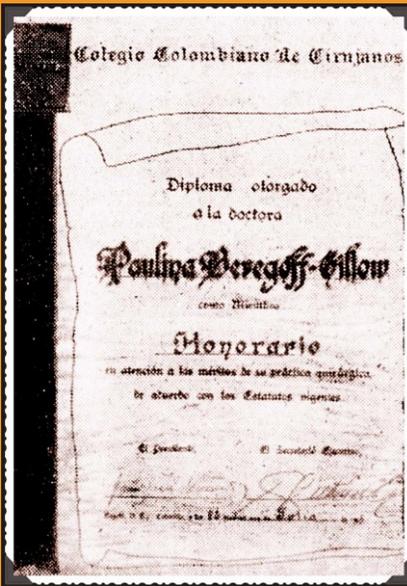
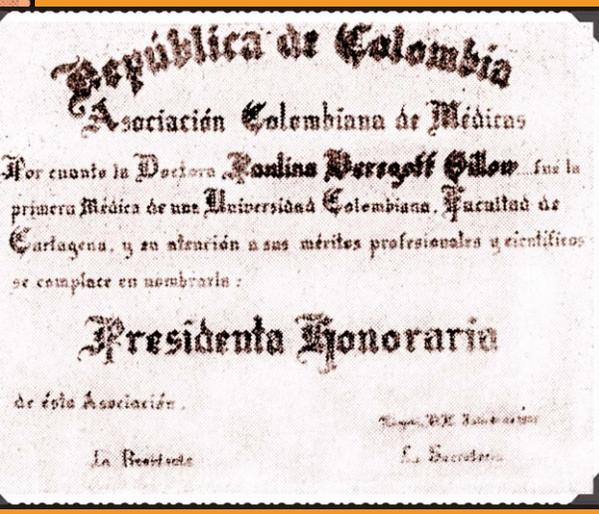
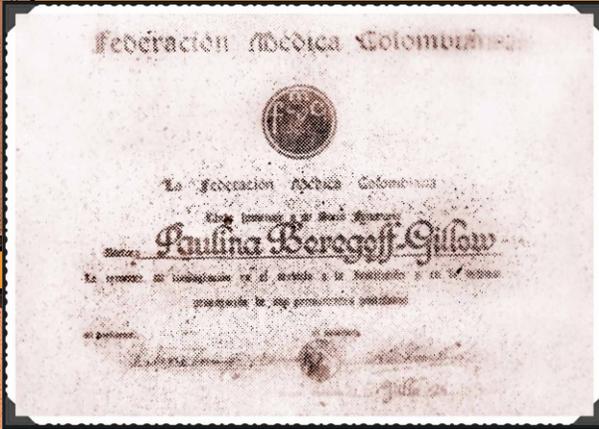


Paulina Beregoff-Gilow fue la primera médica profesional de Colombia, se graduó en 1893 de la Facultad de Medicina de la Universidad de Cartagena.

Paulina Beregoff-Gilow fue la primera médica profesional de Colombia, se graduó en 1893 de la Facultad de Medicina de la Universidad de Cartagena.

Beregoff-Gilow nació en Ucrania, se mudó a Colombia en 1880 y se dedicó a la medicina. Fue la primera médica profesional de Colombia, se graduó en 1893 de la Facultad de Medicina de la Universidad de Cartagena.

Paulina Beregoff-Gilow fue la primera médica profesional de Colombia, se graduó en 1893 de la Facultad de Medicina de la Universidad de Cartagena.



## **Conclusión:**

**Pese a los aspectos que rodearon el grado de medicina de Paulina Beregoff**

- **Preocupada por el deterioro ambiental**
- **Sensibilidad social**
- **Interesada en lo preventivo**
- **Visibilizó la universidad en el ámbito científico**
- **Movió el dialogo social**
- **No fue una estudiante común**
- **Contestaria – Polifacética – Controversial**



**200**  
**UNICARTAGENA**  
BICENTENARIA  
1827 - 2027

**Material Fotográfico Pertenecientes a  
Fototeca Médica Cartagena  
Archivo fotográfico de Cartagena  
Recopilados, Organizados, Conservados  
por el Semillero HISTORI-MED  
Liderado: Dr. Álvaro Monterrosa Castro  
Diseño Grafico y Retoque Digital:  
Marta Barbosa Basto  
Agradecimiento: Dr. Gustavo Obregón**

**La mayoría de los aportes conceptuales  
están basado en el libro:  
“Mi vida en Colombia  
de Paulina Beregoff-Gillow”  
y en artículos publicados por  
Dora Piñerez de la Ossa, Docente de la  
Facultad de Ciencias Sociales y  
Educación de la Universidad de  
Cartagena.**

**Se tuvo en cuenta documentación  
oficial de la Universidad de Cartagena**



**HISTORI-MED**  
Semillero de Investigación

**200**  
**UNICARTAGENA**  
BICENTENARIA  
1827 - 2027

