

PERSONAL INFORMATION**Rosalind Franklin**

-  Londres (United Kingdom)
-  rosalind.franklin@science.com
-  <https://www.rosalindfranklin.edu/>
-  Google Hangouts rosalind.franklin

Sex Female | **Date of birth** 25 Jul 1930

PERSONAL STATEMENT

My professional objective is to discover more about the characteristics of DNA. I would like to contribute to science a lot more information about this structure to help with the medicine and help with the investigation of genetic humanity. I want to lead in a prestigious laboratory with the best investigators and analysts in the area of physiochemistry and christography of x-raying. I also want to fight against sexism in laboratories and in the area of science.

WORK EXPERIENCE

01/06/1947–02/08/1950

Biomedical scientist advanced

Laboratoire de Services Chimiques de l'Etat, París (France)

- I learnt techniques on X-ray diffraction
- I investigated the cell microparticles.
- I did essays and practices working on X-rays.

28/08/1951–20/10/1953

Biomedical scientist advanced

Laboratorio John Randall de King's College, Londres (United Kingdom)

- I got a photo of X-rays diffraction which revealed unmistakably the helical structure of the DNA molecule.
- I worked on that photo and with the tiniest molecules from humans beings.

EDUCATION AND TRAINING

01/09/1938–21/06/1941

Doctorado en física y química

University of Cambridge, Londres (United Kingdom)
<https://www.cam.ac.uk/>

- Advanced physics and chemistry.
- Engineering of chemicals reactions.
- Analytic chemistry
- General chemistry

Although I finished my studies in 1941, they didn't consider me that title until 1947 because it wasn't permitted that a woman would have it. During the Second World War, I studied the coal and helium, finishing like that in 1945 my doctoral thesis: "The physiochemistry of solid organic colloids with special reference from coal."

01/09/1930–21/06/1931

Certificado

Escuela Lindores para señoritas, Sussex (United Kingdom)

- Generals knowledges:
- linguistical competitions

- basic mathematics competitions
- domestic competitions (to sew, to cook, to clean, to take care of people...)

1930–1936 Certificado del mejor expediente académico de la escuela secundaria

Escuela St Paul's para niñas
2 new change, Londres, Londres

General knowledges:

- linguistical competitions (english, french, philosophy and german)
- basic mathematics competitions (pure mathematics and applied mathematics)
- technologicalscientist competitions (basic technology, chemistry, physics) It was one of the few establishments where these materials were taught. I stood out from the first moment.
- domestic competitions (sewing, cooking, cleaning, caring for people)
- physical competitions(sports, strength, speed, endurance, power)

30/08/1941–30/08/1942 Estudios postdoctorales sobre macromoléculas

Laboratorio Cavendish de la Universidad de Cambridge, Londres (United Kingdom)

Me invitaron a formar parte de un grupo de científicos liderado por Perutz y Kendrew que estudiaban las macromoléculas especialmente del ADN.

They invited me to take part in a group of scientists led by Perutz and Kendrew, who were studying macromolecules especially DNA.

PERSONAL SKILLS

Mother tongue(s) English

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
French	C1	C1	C1	C1	C1
German	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills

I think I am easy-going and a good leader. It will not be the first time I organize a team so I am capable of working in tough conditions, this experience would help me. I am very responsible and hard-working too. I always do my best, and never give up.

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

[Digital skills - Self-assessment grid](#)

Other skills

Related document(s): [CARTA PRESENTACIÓN .pdf](#)

ATTACHMENTS

-
- Beechtown University Diploma.jpg
 - Layla Leonard (1).jpg
 - postdoctoral studies about macromoleculas.jpg
 - Rosalind Elie Franklin.jpg
 - This diploma is given to (1).jpg
 - This diploma is given to (2).jpg
 - This diploma is given to.jpg
 - CARTA PRESENTACIÓN .pdf

Beechtown University Diploma.jpg

St Paul's School

This is to certify that

*Rosalind Elie
Franklin*

has successfully finished all requirements
prescribed by the Board of Education.

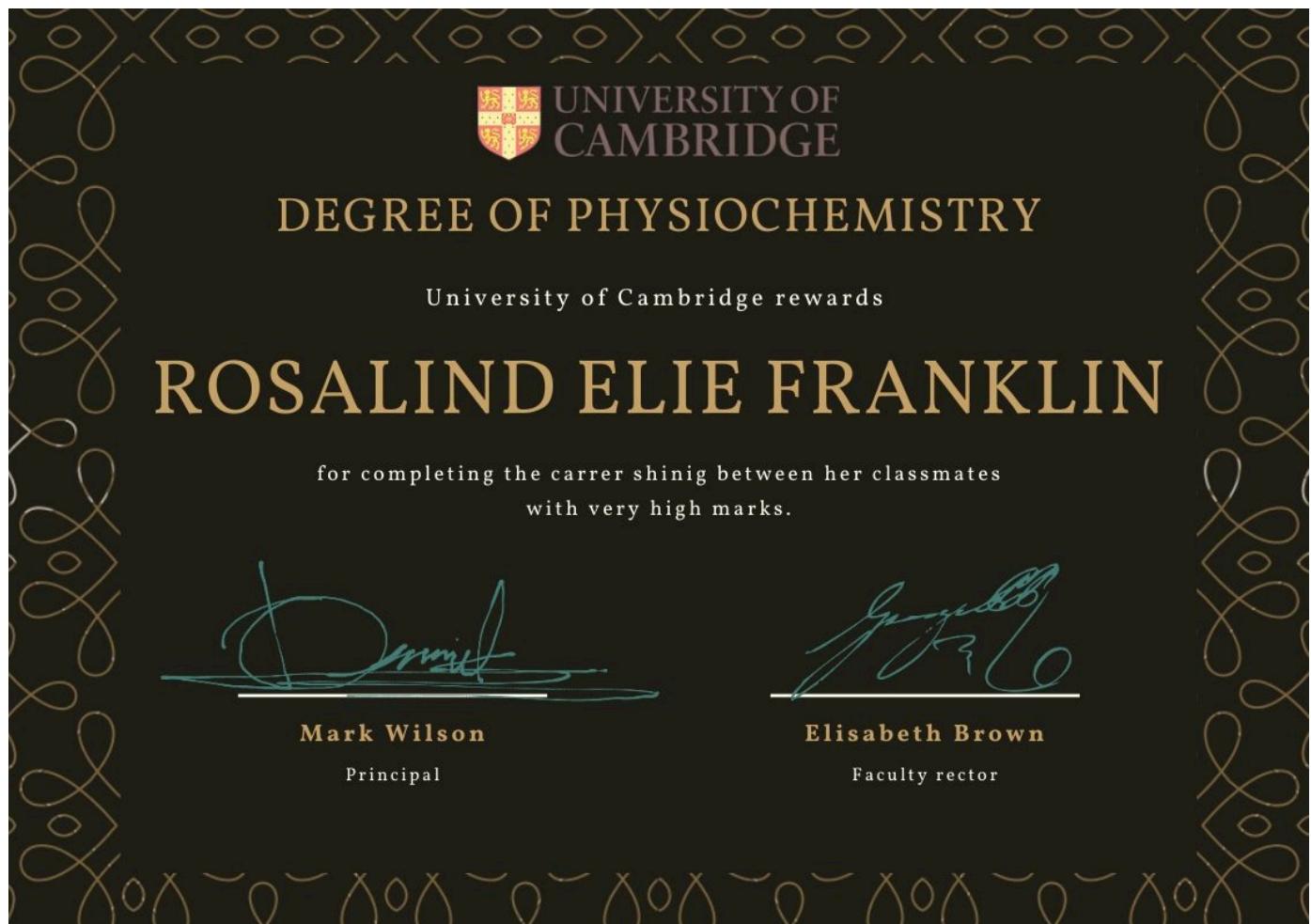


Rufus Stewart
School Principal



Erwin Bertrand
School Director

Layla Leonard (1).jpg 



postdoctoral studies about macromolecules.jpg



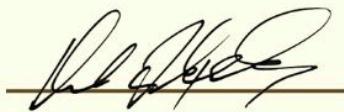
UNIVERSITY OF
CAMBRIDGE

CERTIFICATE OF

Postdoctoral studies of molecules

ROSALIND ELIE FRANKLIN

with this degree for the completion of his studies at the Cavedish
Laboratorie.



DAVE WILSON

College President



GREGORY SMITH

Laboratorie President

Rosalind Elie Franklin.jpg 

Certificat DALF C1

CE CERTIFICAT DONNÉ À

Rosalind Elie Franklin

Pour avoir dépassé le niveau correspondant de français DELF C1



Adèle Allard

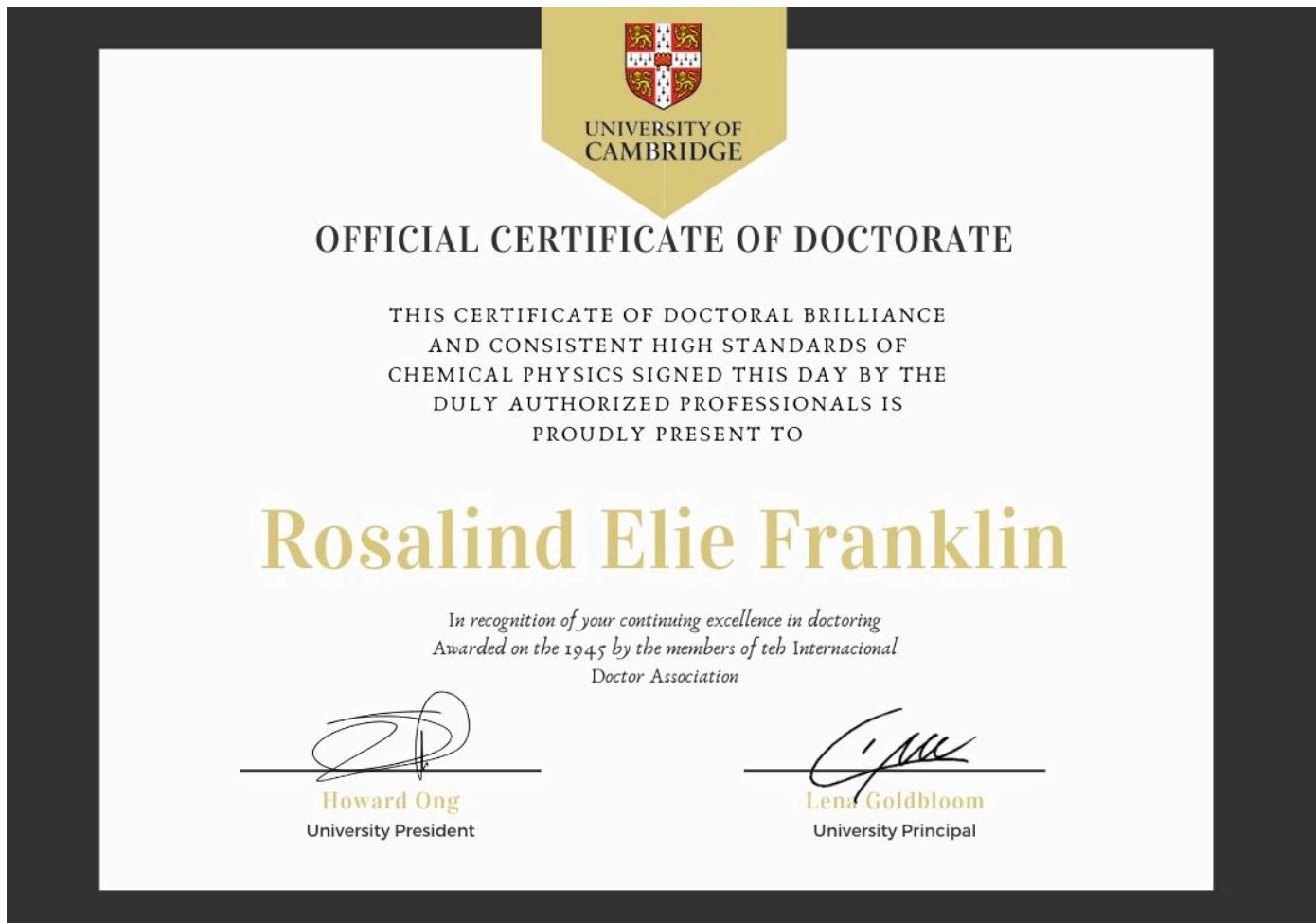
DIRECTEUR DU MINISTÈRE DE L'ÉDUCATION
FRANÇAISE



Bernard Fabron

PRESIDENT DU DALF CENTER

This diploma is given to (1).jpg 



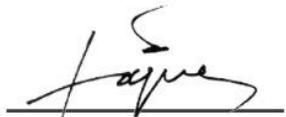
This diploma is given to (2).jpg 

NEWNHAM COLLEGE

This diploma is given to

ROSALIND ELIE FRANKLIN

for the scholarship that has been granted



Takehiro Kanegi
University Principal



Marissa Summers
University Director



This diploma is given to.jpg 



CARTA PRESENTACIÓN .pdf

Sr. Severin Schwan
Grenzacherstrasse 124, 4070 Basel
SWITZERLAND

United Kingdom, 24th October 2019

Dear Severin Schwan,

I am writing in connection with the job vacancy you have advertised for a laboratory manager. I am really interested in this position. My experience in providing DNA investigation services and my ability and aptitude to manage and work in molecules has prepared me well to make a significant contribution to your laboratory.

Since I was a child, I stood out in Chemistry and Physics. I studied Physics at Cambridge University. I received a scholarship, but I donated the money to the children in need of the World War II (fundraiser). I have a PhD in Chemicals Physics.

I took the first X-ray photography (photo 51) diffraction that revealed the helical structure of the DNA molecule. Thanks to this photograph, James Watson, Francis Crick and Maurice Wilkins won a Nobel Prize with their subsequent investigations. That's why I also would like to get the job, I want to continue with my investigations and I'm sure that our team with excellent scientists will win a Nobel Prize .

I would like to apply for this job because I've started a new project about working in different European countries. I want to discover several viewpoints about DNA, to contrast them with mine. I started it some years ago, working in John Randall's laboratory of the King's College, in London, and in the Laboratoire de Services Chimiques de l'État, in Paris. In that laboratory, I discovered the DNA structure and I would like to carry on with my research. The communication wouldn't be a problem because I have English as my first language and my C1 in French allows me to communicate easily with people from different places. Thanks to this, I can share data with other researchers, making corporations in our investigations.

Personally, I think I am easy-going and a good leader. It will not be the first time I organize a team so I am capable of working in tough conditions, this experience would help me. I am very responsible and hard-working too. I always do my best, and never give up.

I would be pleased to meet you to share viewpoints. My availability to have an interview with you could be at any time.

Being grateful for your attention and hoping you don't hesitate to call me if you have any questions about me and my abilities, I enclose my CV.

Looking forward to hearing from you as soon as possible.

Yours sincerely



Rosalind Elie Franklin