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Pioneers of the Faculty of Science at the Egyptian University (Fouad I since 1940) In the period 1925-1950

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On March 11, 1925, a landmark decree law laid the foundation for the establishment of the public university, the Egyptian University. Initially comprising four faculties—medicine, law, arts, and sciences—it marked the culmination of efforts to consolidate pre-existing higher schools in medicine and law. The Faculty of Arts found its origins in the Egyptian National University, while the Faculty of Science, conceived in 1923, took shape under the leadership of Dr. Ali Mustafa Mosharafa, then a teacher at the Higher Teachers' School.

The blueprint for the Faculty of Science outlined seven departments: Pure Mathematics, Applied Mathematics, Physics, Chemistry, Botany, Zoology, and Geology. In 1936, the Astronomy Department was established, and 1948 witnessed the independence of the Department of Entomology from the original Department of Zoology. The Marine Biological Station, inaugurated in 1929 along the Red Sea coast in Hurghada, enriched the faculty's academic landscape.

From its inception, the faculty prioritized scientific research, as evident in periodic publications documenting the scholarly contributions of faculty members and support staff. A notable booklet, "Scientific Effects of the Faculty Members of the Faculty of Science at Fouad I University," released in 1950, meticulously cataloged research outputs, emphasizing the faculty's commitment to elevating teaching and research standards.

The subsequent lists showcase faculty members whose impact resonates through time, drawing from the aforementioned booklet and earlier publications spanning 1939 and 1945. This cohort, constituting the faculty's first generation, bore the responsibility of laying its educational and research groundwork. Some scholars were international contributors, dedicating a stint to the Egyptian University before departing, while others remained steadfast in their roles or transitioned to contribute to new universities domestically or internationally.

In expressing gratitude, we acknowledge the invaluable ideas, efforts, and generosity each contributor bestowed upon the faculty, fostering its development and prosperity in the ensuing years.

Detailed tables follow, categorizing faculty members across departments, noting the nationality of foreign contributors, the volume of scientific research, and publication timelines up to 1950. Noteworthy additions have been made, including names absent

from the aforementioned booklet but documented in earlier publications and faculty reports.

Department of Pure Mathematics				
No.	Name	Nationality	No. of papers until 1950	Period of publication until 1950
1	Edward Lindsay Ince	Great Britain	1	1926-1931
2	Miltiadi Hanna		3	1926-1935
3	Charles Edgar Winn	Great Britain	20	1928-1944
4	Mohamed Mursi Ahmed		15	1930-1950
5	Amin Yassin Amin		7	1937-1943
6	Jack Boulos Simaika		8	1941-1950
7	Zaki Mursi Mohamed		2	1941-1942
8	Maher Nassif Ghabbour Mina		2	1942-1944
9	John Macnaghten Whittaker	Great Britain	3	1943-1943
10	Mohamed Tolba Elsayed Eweida		6	1946-1950
11	Ragui Halim Makkar		9	1946-1950

Department of Applied Mathematics				
No.	Name	Nationality	No. of papers until 1950	Period of publication until 1950
1	Ali Moustafa Mosharafa		26	1922-1949
2	Mohamed Ali Omara		9	1925-1945
3	Mohamed Ali Hegab		5	1929-1932
4	Ahmed Hammad Ahmed		11	1936-1949
5	Attia Abdusalam Ashour		3	1948-1950
6	Afaf Ahmed Sabry		2	1949-1950
7	Mohamed Kamal Arafa		1	1949-1949

Department of Astronomy				
No.	Name	Nationality	No. of papers until 1950	Period of publication until 1950
1	Ibrahim Helmi Abdel-Rahman		2	1941-1944
2	Salah Hamid		3	1948-1950

Department of Physics				
No.	Name	Nationality	No. of papers until 1950	Period of publication until 1950
1	Thomas Rosgyll Lydiard Ayres	Great Britain	6	1923-1935
2	Thomas Simm Littler	Great Britain	3	1929-1932
3	Mohamed Fahmy		6	1931-1940
4	R.J. Clark	Great Britain	2	1932-1939
5	Mahmoud El-Sherbini		8	1932-1947
6	Aziz Firesah		6	1934-1950
7	Mahmoud Mokhtar		18	1934-1950
8	Barsoum Takla		2	1934-1941
9	Antoun Shaker		1	1935-1935
10	Henry Antoun		4	1936-1938
11	Fares Minaw		4	1936-1950
12	Azmy Iskandar		4	1938-1945
13	Rizgallah Nakhla		6	1939-1946
14	Youssef Lieto		15	1939-1949
15	Ali Arafa		1	1941-1941
16	Gamal Eddin Nooh		1	1941-1941
17	Habib Mikhail		7	1942-1947
18	Samira Moussa Ali		5	1943-1949
19	Kamal Matta		2	1944-1944
20	Mohamed El-Nady		5	1945-1950
21	Sayed Ramadan Haddara		1	1947-1947
22	Mohamed Shehata		2	1948-1948
23	Ismail Bassiuny		1	1948-1948
24	Fathy Sultan		1	1949-1949
25	Raafat Kamel Wassef		1	1950-1950

Department of Chemistry				
No.	Name	Nationality	No. of papers until 1950	Period of publication until 1950
1	Egerton Charles Grey	Great Britain	10	1913-1926
2	Alexander Julius Wilhelm Schönberg	Germany	138	1921-1950
3	Ahmed Ryad Tourky		25	1926-1949
4	Frank Louis Warren		10	1920-1939

5	Ahmed Zaki Akef		5	1926-1936
6	Ralph Winton West		5	1921-1931
7	Donald Hugh Bangham		17	1924-1937
8	Abdel-Fattah Mohamed		5	1932-1940
9	Mohamed Zaki Barakat		2	1938-1939
10	Wadie Tadros		17	1935-1950
11	Rashad Ilias Razouk		10	1937-1950
12	Fawzy Ghali Baddar		23	1937-1950
13	Radwan Moubasher		31	1937-1950
14	Sayed Mosallam		3	1937-1938
15	Zaki Saweirisi		3	1937-1938
16	Hussein Ahmed Fahim		8	1938-1949
17	Maurice Wahba		6	1939-1950
18	Munir Gindi Guerges		6	1941-1948
19	Akila Abdel Hamid Mostafa		7	1941-1949
20	Wafia Mohamed Asker		9	1942-1949
21	Ahmed Mustafa Ahmed		37	1943-1950
22	William Ibrahim Awad		1	1945-1945
23	Salah Eldin Said Elwakkad		10	1948-1950

Department of Botany				
No.	Name	Nationality	No. of papers until 1950	Period of publication until 1950
1	Gönnar Täckholm	Sweden	2	1925-1929
2	Francis Wall Oliver	Great Britain	5	1925-1935
3	Francis John Lewis	Great Britain	45	1898-1945
4	Hugh Dickson	Great Britain	4	1931-1935
5	Mahmoud Tewfik El-Hefnawi		2	1928-1930
6	Abdel-Latif Elnayyal		6	1931-1937
7	Younis Salem Sabet		7	1931-1940
8	Gamal Eddine Abdin		9	1932-1950
9	Ahmed Afify		6	1933-1938
10	Abdel Halim Montasir		6	1934-1949
11	Ahmed Mohamed Megahed		8	1934-1948
12	Tadros Mankarios Tadros		1	1936-1936
13	Mostafa Abdelaziz Mostafa		8	1938-1950
14	Abdel Halim Hassan Nasr		7	1938-1939

15	Mohamed Abdulla		1	1938-1938
16	Mohamed Hassib		1	1938-1938
17	Elhamy Greiss		3	1939-1949
18	M.A. Farghaly		1	1940-1940
19	Hussein Said		21	1941-1950

Department of Entomology				
No.	Name	Nationality	No. of papers until 1950	Period of publication until 1950
1	Hassan Shaker Afflatoun		20	1918-1945
2	Mohamed Tewfik		5	1935-1950
3	Mahmoud Hafez		24	1939-1948
4	Albert Atallah Abd El Malek		7	1947-1949
5	Ahmed Emad El-Din Abu El-Nasr		2	1949-1950
6	Mohamed Tewfik		5	1935-1950
Department of Zoology				
No.	Name	Nationality	No. of papers until 1950	Period of publication until 1950
1	Adolph Naef	Switzerland	68	1909-1939
2	Victor Jollos	Germany	3	1929-1929
3	Harold Sandon	Great Britain	3	1932-1934
4	Mahmoud Ramadan		3	1936-1939
5	Mohamed Waly		1	1940-1940
6	Kamel Mansour		24	1927-1948
7	Hamed Abdel-Fattah Gohar		8	1929-1939 See Marine Biological Station
8	Fouad Khalil		4	1937-1948
9	Ahmed Hammad Al-Hussainy		10	1937-1941
10	Mohamed Rashad El Toubi		11	1938-1949
11	Abbas Ibrahim Hassan		4	1939-1949
12	Mahmoud Ahmed Melouk		9	1940-1949
13	Atallah Khalaf El-Dewaini		5	1940-1945
14	Kamal Wassif		6	1942-1950
15	Fouad George		2	1946-1946

16	Abdelhalim Kamel		1	1947-1947
17	Onsy Guerges Fahmy		3	1949-1950

Department of Geology				
No.	Name	Nationality	No. of papers until 1950	Period of publication until 1950
1	Otto Karl Josef Zdansky	Austria	7	1928-1938
2	Jean Cuveillier	France	33	1928-1938
3	Gerald Andrew	Great Britain	12	1934-1939
4	Yallouze Mayer		5	1941-1949
5	Nasri Metri Shukri		14	1942-1950
6	Riad Abdelmagid Higazi		2	1944-1944
7	Roshdy Said		4	1944-1950
8	Solco Walle Tromp	Holland	12	1947-1949
9	Ibrahim Abdelkader Mohamed Farag		4	1947-1949
10	A. Carpentier	France	1	1948-1948

Marine biological station				
No.	Name	Nationality	No. of papers until 1950	Period of work until 1950
1	Cyril Crossland	Great Britain	43	1913-1938
2	Hamed Abdelfattah Gohar		8	1939-1950