

EMBASSY OF THE REPUBLIC OF IRAQ  
CULTURAL OFFICE  
WASHINGTON, DC

# IRAQI ACADEMIC CONFERENCE

TO HELP IMPROVE AND SUSTAIN  
HIGHER EDUCATION IN IRAQ

Hosted by  
**The National Academies**  
Washington, DC

**March 14-15, 2009**



## **Attendees:**

1. Abbona, George, PhD, Virginia, VA, Prof. of Transplant Surgeon
2. Abutabikh, Mohammed, M.D, Vista, CA, Radiology
3. Al Abdulla, Sahib, PhD, Sonora, CA, Physician
4. Al Alwan, Kadhim, PhD, Talladega, AL, Economic
5. Al Ameen, Issam, PhD, Washington, DC, Agriculture Engineering
6. Al Hashimi, Ibtisam, PhD, Dallas, TX, Prof. of Oral Biology
7. Al Hussaini, Mosaid, PhD, Fair Fax, VA, Water Resources
8. Al Jubori, Amer, M.D, Meclain, VR, Prof. of Urology
9. Al Khafaji, Asaad Ali, PhD, Glen Ellyn, IL, Prof. of Physics
10. Al Khafaji, Moe, Chicago, IL, Information Technology
11. Al Morayati, Sam (Sashim), M.D, Burlington, NC, Nuclear Medicine
12. Al Najim, Hasan Taha, Ph D, Falls Church, VA, Economic Geography
13. Al Najjar, Fouad, PhD, Michigan, MI, Prof. of Accounting
14. Al Najjar, Mufid, M.D, Southfield, MI, Psychiatry
15. Al Obaidi, Mahdi, PhD, Prof.m Engineering, VA
16. Al Oboudi, Idris, Manhattan Beach, CA, Social activist
17. Al Rikabi, Siham, educationist,, VA
18. Al Saeed, Mahdi, PhD, East Lansing, MI, Epidemiology and Infectious Diseases
19. Al samarai, Sadik, MD, Olean, NY, Psychiatrist
20. Al Soze, Nada, Washington, DC, Prof. of English/Translator/Iraq Scholar Rescue Project
21. Alak, Baha, Ph D
22. Al-Ali, Manaf, PhD, Senatobia, MS, Prof. of Physics
23. Alani, Laman, PhD, CA, Pharmacy
24. Alattar Maha, MD, Frederick Berg, VA, Neurologist,
25. AlAttar, Ali, M.D, Washington, DC, Prof of Plastic Surgery
26. Al-Awqati, Qais, M.D, New York, NY, Prof. of Nephrology
27. AlBaghdadi, Fakhri, PhD, Baton Rouge, LA, Prof. Biomedical Sciences
28. Albander, Jasim M., PhD, Philadelphia, PA, Professor and Vice-Chairman
29. AlBazaz, Faiq, M.D, Chicago, IL, Cardiology
30. AlDahan, Muthanna, PhD, St. Louis, MO, Prof. of Chemical Engineering
31. Al-Dhahir, Mohammad Wasel, PhD, Morgan Hill, CA, Prof. of Mathematics
32. Al-Hamdani, Safaa, PhD, Jacksonville, AL, Prof. of Biology
33. Alhassani, Eiman, Philadelphia, PA, Senior Project Designer
34. Alhassani, Jafar, M.D, Philadelphia, PA, Professor Retired
35. AlHumadi, Adil, M.D, Olean, NY, Colorectal Surgeon

36. Alhumadi, Iman , MD, Olean, NY, Family Physician
37. Ali, Abbas, PhD, Bloomington, IN, Prof. of Management, Theory & Strategy
38. Ali, Akram, Auburn Hills, MI, Mechanical Engineer at Chrysler LLC
39. Ali, Inam, Oxford, MS, Education and English Teaching
40. Ali, Manaf, PhD, Senatobia, MS, Physics
41. AlKabi, Zahra, Portland, OR, Human Services and Community Organization
42. Al-Kaisy, Ahmed F., PhD, Bozeman, MT, Prof. of Civil Engineering
43. Alkhafaji, Amir, Peoria, IL, Prof. of Civil Engineering and construction
44. Al-Khafaji, Basim, M.D, Northville, MI, Pathology
45. Al-Khatab, Anisa, PhD, VA, Education
46. Alkhateeb, Maha B., Great Falls, VA, Co-Director, Peaceful Families Project, Advocacy
47. Allen, Delair,VA, Education
48. Al-Marayati, Abid, PhD, Toledo, OH, Prof. of Political Science
49. Almawlawi, Diyaa, PhD, Baghdad, IQ, Chemistry Physics
50. Almayahi, Safaa, PhD, Detroit, MI, International Relations and Economics
51. Almosawi, Muhsin, PhD, New York, NY, Prof. of Arabic Literature
52. Almundhiri, Hamid, M.D, Hershey, PA, Prof. of Hematology Oncology
53. Alnoor, Shalal, PhD, Seattle, WA, Path physiology and Laboratory Medicine
54. Al-Rawi, Mouwafak, M.D, Pittsburgh, PA, ENT Surgeon
55. Al-Sabea, Taha, PhD, Los Angeles, CA, Prof. of Economics
56. Al-Saleem, Tahseen, M.D, Philadelphia, PA, Prof. of Pathology
57. Al-Sarraf, Ilham Heather, PhD, Pasadena, CA, Clinical Psychology
58. Alshkaki Ghiath, M.D, VA, Surgeon
59. AL-Shukri, Hayder, PhD, Little Rock, AR, Prof. of Applied Science
60. Alsikafi, Majid, PhD, Glen Allen, VA, Prof. of Sociology and Political Science
61. Al-Ubaidi, Muayyad R., PhD, Oklahoma City, OK, Prof. of Cell Biology, Radiation Oncology
62. Al-Yasiri, Rafiah Sullivan, M.D, San Francisco, CA, Family Practitioner
63. Amir, Sabah, M.D, Galloway, NJ, Physician
64. Araji, Alaa, PhD, New York, NY, scholar and port
65. Arif , Majeed Hameed, PhD, Salinas, CA, Prof. of Defense Language Institute
66. Askari, Salah, M.D, New York, NY, Prof. of Urology
67. Attar, Ridha, M.D, Annandale, VA, Ophthalmology
68. Ayad, Ahmed, PhD, Washington, DC, Prof. Project Manager
69. Azawi, Haifa, M.D, Los Angeles, CA, ObGYN
70. Aziz, Salah, PhD, Tallahassee, FL, Industrial Engineering
71. Baali, Fuad, PhD, Bowling Green, KY, Prof. of Sociology



72. Baban, Berevan, Saint Louis, MO, Biochemistry
73. Bahia, Hussain U., PhD, Madison, WI, Prof. of Civil and Environmental Engineering
74. Bahrani, Zainab, PhD, New York, NY, Edith Porada Professor of Ancient Near Eastern Art History and Archaeology
75. Bahry, Louay, PhD, Washington, DC, Prof. of Political Science
76. Bakir, Muhannad, PhD, Atlanta, GA, Microelectronics Engineering
77. Bakir, Saad Taha, PhD, Montgomery, AL, Economics, Statistics. Department of Statistics
78. Barka, Noori, PhD, Spring Valley, CA, President, Cal biotech, Inc.,
79. Chalabi, Badri, PhD, Colon, OH, Prof. of Engineering
80. Culhane, Hind Rasam , PhD, Dobbs Ferry, NY, Psychology and Behavioral Sciences
81. Dakak, Janan, Knoxville, TN, Informational Technology
82. Damaluji, Namir, MD, La Jolla, CA, Prof. of Psychiatry
83. Daoud, Tarek, Detroit, MI, Businessman and diplomat
84. Darweesh, Farouk, PhD, Pomona, CA, Prof. of Industrial and Manufacturing
85. Dass, Ramsay F., M.D, Detroit, MI, President of Detroit Hope Hospital
86. Dawood, Suham, VA, Educationist
87. Dinno, Nuhad, M.D, Bainbridge Island, WA, Prof. of Development and Disability/Pediatrics
88. Eldadah, Zayd, M.D, Washington, DC, Cardiology
89. Fahmi, Raida, Granite Bay, CA, Electrical Engineering
90. Faidhi, Hamid, M.D, San Francisco, CA, Surgeon
91. Falaki, Najla, M.D, Silver Spring, MD, Prof. of Emeritus Physiology
92. Faraj, Jabar, PhD, Salt lake City , UT Senior Scientist at Protherics Inc
93. Farhadi, Ahmed, PhD, New York, NY, Prof. of Middle Eastern Studies
94. Fatlawi, Noor, M.D,
95. Felahy, Basil, M.D, Los Angelus, CA, Prof. of Surgery
96. Fikrat, Hikmat, PhD, Pleasanton, CA, Medicinal Chemistry
97. Gabrail, Nashat Yousif, M.D, Canton, OH, Internal Medicine
98. Gailani, Salman D, M.D, Franklin, TN, Medical Oncology
99. George, Donny, PhD, New York, NY, Prof. of Archeology
100. Goudarzi, Nasser, Spartanburg, SC
101. Haddad, Saieb, Knoxville, TN, Senior Geotechnical Engineer
102. Haddawi, Rajih , M.D, Bloomington, IN, Internal Medicine
103. Haider, Hani, PhD, Omaha, NE, Prof. and Director of Biomedical Engineering
104. Hamoudi, Haider Ala, PhD, Columbus, OH, Prof. of Law

105. Hamzawi, Hashim, PhD, Folsom, CA, Prof. of Engineering
106. Hossaini, Ali , M.D, Richman, VR, Prof. of Hematology
107. Hussaini, Moayad, M.D, VA, Urology
108. Hussein, Tarek, PhD, Pottstown, PA, Project Management
109. Ibrahim, Faik I, Tulsa, OK, Electric Engineering
110. Ibrahim, Samir
111. Istrabadi, Talib, M.D, Silver Spring, MD, Prof. of Physiology
112. Jafar Jafar, M.D, New York, NY, Prof. of Neurosurgery
113. Jallow, Raymond, PhD, Los Angeles, CA, Business
114. Jamil, Kanan Mohammad, PhD, San Francisco, CA, Prof. of Biochemistry
115. Jarjees, Ekhllass, PhD, Honolulu, HI, Prof. of Entomology
116. Jawad, Abbas, PhD, Philadelphia, PA, Prof. of Biostatistics
117. Jawad, Abdul Sattar, PhD, University, MS, Prof. of Literature
118. Jawad, Jafar , MD, Phoenix, AZ, Internal Medicine
119. Jawad, Shakir, M.D, Bethesda, MD, Orthopedics, International Health Analyst
120. Johna, Samir, M.D, Loma Linda, CA, General & Trauma Surgery
121. Kadhim, Abbas, PhD, Monterey, CA, Prof. of National Security Affairs
122. Kaftan, May, PhD, Annandale, VA, Prof. of Astronomy
123. Kaisi, Nadia, M.D, Cleveland, OH, Pathology
124. Kalkhan Mohammed A., PhD, Fort Collins, CO, Prof./Research Scientist, Natural Resource Ecology Laboratory
125. Kanbar, Emanuel, PhD, Kalamazoo, MI, Physics
126. Karim, Baktiar, M.D, Baltimore, MD, Prof. of Molecular and Comparative Pathology
127. Kashkol, Lubna R., PhD, Detroit, MI, Micro Biology
128. Kasir, Madhi E. , Houston ,TX, Executive Vice President, Othon Inc., Engineering
129. Khailani, Asad, PhD, Ann Arbor ,MI, Prof. of Engineering
130. Khamas, Wael, PhD, Pomona, CA, Anatomy & Histology
131. Mahdi, Hanan, PhD, Little Rock, KS, Geology
132. Mahmood, Ramzi J, M.D, Sacramento, CA, Environmental Engineering
133. Makia, Kanan, PhD, Cambridge, MA, Prof. of Islamic and Middle Eastern Studies
134. Makki, Talie M., Washington, DC, Prof. and Diplomat
135. Mehdi, Abbas, PhD, Minnesota, MN, Prof. of Sociology
136. Michael, Katrin, PhD, Alexandria, VA, Geology and Mineralogy
137. Mirza, Ihsan ,MI, President and CEO of Alero, Inc and Dexter Fuel Inc
138. Mishu, Farouk, PhD, Nashville, TN, Prof. of Civil Engineering
139. Mishu, Fuad, Knoxville, TN, Music Scholar



140. Mishu, Samir , Knoxville ,TN, An Engineering
141. Mosawi, Ali, Nashville,TN, Poet
142. Mouradian, Janet, M.D, Congress, NY, Physician
143. Munir, Zuhair, PhD, Davis, CA, Chemical Engineering and Materials Science
144. Murad, Makram , Redlands, CA, GIS and Cartography Instructor
145. Mussa, Firas, M.D, New York, NY, Medicine
146. Mustafa, Shakir, PhD, Boston, MA, Prof. of Linguistics
147. Naash, Muna I., PhD, Oklahoma City, OK, Prof. of Cell Biology
148. Naji ,Basil Taha , PhD, Sunnycreek Court, CA, Building Materials
149. Nasrallah, Nawal, Salem, NH, Independent Scholar
150. Nawy, Edward, PhD, New Brunswick ,NJ, Prof. of Civil Engineering
151. Rahmatallah, Maliha, PhD, College Park, MD, Retired Prof. of Islamic History
152. Rashid, Kamal , PhD, Logan , UT, Education
153. Rojeab, Yousif, PhD, Ada, OH, Pharmaceutics
154. Roy, Johnny, MD, Prof. urology, Edmond, OK
155. Roy, Nelson B., Bethesda, MD, Vice President, Ritz Carlton
156. Ryan, Sheila Attisha, Norfolk, VA, Graduate Student, International Studies
157. Sabti, Nazar, PhD, Lancaster, PA, Engineering
158. Sadik, Abdul Rasul, M.D, New York, NY, Prof. of Neurosurgery
159. Sadik, Aseel, M.D, New Jersey, NJ, Pulmonologist
160. Sadik, Dina, M.D, New Jersey, NJ, Pulmonologist
161. Saeed , Mahdi PhD, East Lansing, MI, Prof. Epidemiology and Infectious Diseases
162. Saeed, Maythem, PhD, San Francisco, CA, Prof. of Radiology and Biomedical Scanning
163. Saeedy, Hamed, PhD, Frisco, TX, Civil Engineering
164. Safi, Hazim, M.D, Houston, TX, Prof. of Cardiothoracic Vascular Surge
165. Salihi, Jalal, PhD, San Diego, CA, Physics
166. Shabbout, Mayadah , Pennsylvania, PA, Science
167. Shabout, Nada, PhD, Denton, TX, Prof. of Art History
168. Shahbaz, Ihsan, PhD, St. Louis, MO, Prof. of Curator and Head of the Department of Asian Botany
169. Shakir, Omar, Washington, DC, Graduate Student of Foreign Service at Georgetown
170. Shakir, Saad, M.D, San Francisco, CA, Prof. of Psychiatry
171. Shalal,, Ahmed, PhD, Mclean, VA, Prof. of Literature
172. Shameem, Rassam, media expert, VA
173. Shamma, Shihab A., PhD, College Park, MD, Electrical Engineering

174. Shamo, Adil, PhD, Baltimore, MD, Prof. Biochemistry and Molecular Biology  
University of Maryland School of Medicine
175. Sitto, Haitham, Detroit, MI, President & CEO of Atlas Group
176. Sundukchi, Mahdi, PhD, Burke, VA, Statistics
177. Tahseen, Ghassan, PhD, Pennsylvania, PA, Prof. of Electronic Engineer
178. Tajeldin, Hameed, M.D, San Francisco, CA, Psychiatry
179. Thamer, Mahmud, M.D, Baltimore, MD, Prof. Internal Medicine
180. Tuma, Hussain, PhD, Ritzville, MD, Clinical Psychology
181. Wakil, Salih, PhD, Houston, TX, Biochemistry & Molecular Biology
182. Yacu, Waleed, PhD, Vernon Hills, IL, Process Engineering, Food Industry
183. Zaini, Mohamed Ali, Canton, MI, Electrical Engineer
184. Hopkins Mary Ann, MD, New Your, NY

### **Guests:**

1. Abdalla, Najah M. (A. Sahib M. Al-Abdulla)
2. Abraham, Dr Likaa (Mouwafak Alrawi)
3. Al Khafaji, Laya
4. Al Soze, Najla (Badri B. Chalabi)
5. Al-Ameen, Issam (Nada Al-Soze)
6. Alaraji, Dr. Bayan, MD,
7. Albandar, Mona A.(Jasim M. Albander)
8. Al-Hani, Nada(Rajih Haddawi)
9. Al-hasani, Souad Mohammed (Jaffar Sadik Al-hasani)
10. Ali, Asaad M.
11. Inam Ali, (Manaf Ali)
12. AlKhafaji, Bonnie S. (Moe A. Alkhafaji)
13. Allen, Golzar (Delair Allen)
14. Alnoor, Zainab (Shalal Alnoor)
15. Al-Saleem, Basima Jazi (Tahseen Isa Al-Saleem)
16. Al-Salman, Aida (Shalal Alnoor)
17. Baali, Linda B. (Fuad Baali)
18. Baban, Darssem (Berevan Barban)
19. Bakir, Suha A. (Saad Bakir)
20. Barka, Evelyn(Noori Barka)
21. Dass, Natalie(Ramsay F. Dass)
22. Gissel, Nora(Abbas Mehdi)



23. Hamandi, Zaid J.
24. Hamid, Sahar (Shakir Jawad)
25. Hossaini, Shirine (Ali A. Hossaini)
26. Hussein, Hafah (Tarek Hussein)
27. Ibrahim, Suhair Y. (Ghassan Tahsin Ibrahim)
28. Kadlec, James (Nuhad Dinno)
29. Kaisi, Nisreen (Nadia Kaisi)
30. Marr, Phebe, PhD, historian of modern Iraq, Washington, DC (Louay Bahri)
31. Mishu, Layla (Fuad Mishu)
32. Mustafa, Lamis Adnan (Safaa Almayahi)
33. Nasrallah, Nawal (Shakir Mustafa)
34. Rauch II, Terry M.(Maha B. Alkhateeb)
35. Sabir, Afifa B. (Kamal Rashid)
36. Sadik , Naseema ( Abdul Rasul Sadik)
37. Sadik, Nadia, MD, (Sabah Amir)
38. Saeed, Isra H. (Maythem Saeed)
38. Spoot-Kalkhan, Cameron J. (Mohamed A. Kalkhan)
40. Spoots, Dr. Deborah R. (Mohamed A. Kalkhan)
41. Spotts-Rames, Jarrett S (Mohamed A. Kalkhan)
42. Turkson, Elizabeth (Nurse Aid for Talib Astrabadi and Najla Falaki)
43. Wakil, Fawzia (Salih J. Wakil)
44. Wazir, Sana E.(Madhi E. Kasir)
45. Yacu, Hanaa (Waleed Yacu)

### **Panelists:**

1. Agre Peter, PhD, Baltimore, MD, Prof., Director Malaria Research Institute, Nobel Laureate, Chemistry, 2003
2. Al-Awqati Qais, MD, New York, NY, Prof. of Nephrology
3. AlDahan Muthanna, PhD, St. Louis, MO, Prof. of Chemical Engineering
4. Almundhiri Hamid, M.D, Hershey, PA, Prof. of Hematology Oncology
5. AL-Shukri Hayder, PhD, Little Rock, AR, Prof. of Applied Science
6. Altaii Karim, PhD, Harrisonburg, VA, Prof. Integrated Science and Technology
7. Bahia Hussain U., PhD, Madison, WI, Prof. of Civil and Environmental Engineering
8. Bahrani Zaniab, PhD, Columbia University, NY, Edith Porada Professor of Ancient Near Eastern Art and Archaeology
9. Davis Eric, PhD, New Brunswick, NJ, Prof. Political Science



10. Farah Mounir, PhD, Fayetteville, AR, Prof. of Curriculum and Instruction
11. Farhadi Ahmed, PhD, New York, NY, Prof. of Middle Eastern Studies
12. Farvardin Nariman, PhD, Maryland, College Park, MD, Prof., Senior Vice President for Academic Affairs and Provost
13. George Donny, PhD, New York, NY, Prof. of Archeology
14. Mishu Farouk, PhD, Nashville, TN, Prof. of Civil Engineering
15. Mustafa Shakir, PhD, Boston, MA, Prof. of Modern Languages
16. Psalmonds Earnestine, PhD, Washington, DC, Senior Program Officer at the National Academies
17. Safi Hazim, M.D, Houston, TX, Prof. of Cardiothoracic Vascular Surge
18. Salih Wakil, PhD, Houston, TX, Prof. of Biochemistry & Molecular Biology
19. Shahbaz Ihsan, PhD, St. Louis, MO, Prof., Curator and Head of the Department of Asian Botany
20. Shamma Shihab A., PhD, College Park, MD, Prof. of Electrical Engineering
21. Shinaishiri Osman, PhD, Arlington, VA, Program Officer, Middle East Portfolio, Office of International Science and Engineering

### **Seniors, 80 years and Older:**

1. Abu Al-Soof, Behnam, PhD, Providence, Rhode Island, Archaeology
2. Abutabikh, Mohammed, M.D, Vista, CA, Radiology
3. Al Najim, Hasan Taha, Ph D, Falls Church , VA, Economic Geography
4. Al-Dhahir, Mohammad Wasel, PhD, Morgan Hill, CA, Prof. of Mathematics
5. Alhassani, Jafar, M.D, Philadelphia, PA, Professor Retired
6. Alsikafi, Majid, PhD, Glen Allen, VA, Prof. of Sociology and Political Science
7. Altoma, Salih J., PhD, Bloomington, IN, Teaching/ Academic
8. Askari, Salah, M.D, New York, NY, Prof. of Urology
9. Alattar, Ridha, M.D, Annandale, VA, Ophthalmology
10. Bakir, Farhan, MD, Prof. of Medicine
11. Chalabi, Badri B., Solon, OH, Mechanical Engineering
12. Fikrat, Hikmat, PhD, Pleasanton, CA, Prof. of Medicinal Chemistry
13. Gailani, Salman D, M.D, Franklin, TN, Medical Oncology
14. Hamandi, Wadie, MD, Fairfax, VA, Medicine
15. Hamzawi, Hashim, PhD, Folsom, CA, Prof. of Engineering
16. Hashim, Abdul Sahib, MD, Rockville, MD, Medicine
17. Hilmi, Khaldoon Ibrahim, MD, Great Falls, VA, Medicine
18. Hussein, Majid, MD, Los Angeles, CA



19. Ibrahim, Faik, Tulsa, OK, Electric Engineering
20. Istrabadi, Talib, M.D, Silver Spring, MD, Prof. of Physiology
21. Kaftan, Latifa Arif, MD, St. Paul, MN, Medicine
22. Kaftan, May Arif, PhD, Annandale, VA, Prof. of Astronomy
23. Kassir, Khalida Abdullah, MD, Virginia Beach, VA, Medicine
24. Kassir, Sami, Fairfax, VA, Medicine
25. Khailani, Asad, PhD, Ann Arbor, MI, Prof. of Engineering
26. Khalil, Mohammed Ali, MD, St. Paul, MN, Prof. of Medicine
27. Makki, Talie M., Washington, DC, Prof. and Diplomat
28. Mishu, Fuad, Knoxville, TN, Music Scholar
29. Munir, Hisham, Arlington, VA, Architecture/ Consulting
30. Rahmatallah, Maliha, PhD, College Park, MD, Prof. of Islamic History
31. Sadik, Abdul Rasul, M.D, New York, NY, Prof. of Neurosurgery
32. Salih, Hassan A., MD, Fairfax, VA, Medicine
33. Salihi, Jalal, PhD, San Diego, CA, Prof. of Physics
34. Shakir, Adnan, MD, Mountain View, CA, Prof. of Medicine
35. Shalal, Ahmed, PhD, Mclean, VA, Prof. of Literature
36. Taha, Naji Basil, PhD, Sunny creek Court, CA, Building Materials
37. Tajeldin, Hameed, M.D, San Francisco, CA, Prof. Public Health
38. Thahab, Sahib, PhD, New York, NY, Economic
39. Tuma, Hussain, PhD, Rockville, MD, Prof. of Psychology
40. Wakil, Salih, PhD, Houston, TX, Prof. of Biochemistry & Molecular Biology

### **US invitees:**

1. Allen R. Dyer MD, PhD, Professor of Psychiatry and Behavioral Sciences, East Tennessee State University
2. Andrew W. Reynolds, deputy science advisor, State Dept.
3. Barbara Kurshan Executive Director Curriki
4. Bobbi Kurshan, Cruicupedia
5. Bruno Himmler Health Attaché in Baghdad HHS Indian Health service
6. Carole O'Leary, PhD, American University
7. Effie Bentsi-Adoteye, Administrative Coordinator, National Academy of Sciences
8. Eric Davis, PhD, Professor and past director, Center for Middle Eastern Studies Rutgers University
9. Erin Fitzgerald, Ph.D., Mirzayan Science & Technology Policy Fellow, National Academy of Sciences

10. Guest Guest Federation of American Scientists (FAS) Federation of American Scientists (FAS)
11. Jane Coury Regional program officer, Europe/Middle East/North Africa National Institutes of Health
12. Jeff Spurr
13. John Boright, Ph.D., Executive Director, Office of International Affairs, National Academy of Sciences
14. Judy Levin Program Officer, Middle East and North Africa NIH Fogarty International
15. Madeleine Green Vice President, International Initiatives American Council on Education (ACE)
16. Mary Gray Professor of Mathematics and Statistics American University
17. Mary Jane Deeb Chief, African and Middle Eastern Division Library of Congress
18. Michelle Crosby, Mirzayan Science & Technology Policy Fellow, National Academy of Sciences
19. Rieko Yajima, Ph.D. Senior Program Associate, American Association for the Advancement
20. Sandra MacDonald
21. Sandy Polu, Mirzayan Science & Technology Policy Fellow, National Academy of Sciences
22. Scott Bass Provost American University
23. Todd Haim, Ph.D., Mirzayan Science & Technology Policy Fellow, National Academy of Sciences
24. Tomasz Arciszewski Professor, Civil, Environmental and Infrastructure Engineering Department George Mason University
25. Trevor Gunn Prof. CERES, School of Foreign Service Georgetown University
26. Ward Cascells Assistant Secretary of Defense for Health Affairs Department of Defense



الدكتور بهنام ابو الصوف

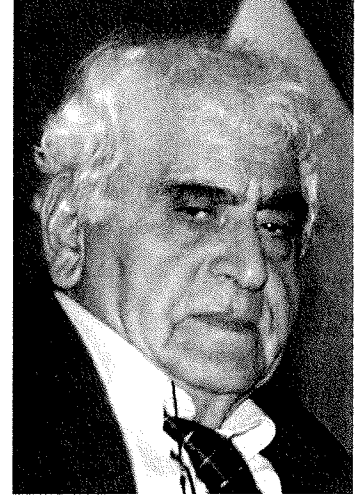
**Dr. Behnam Abu Al-Soof**

Providence, Rhode Island

Date of Birth: 1931

Place of Birth: Mousil - Iraq

e-mail: index.iraq@yahoo.com



#### EDUCATION

B. Sc. Archeology: College of Arts, University of Baghdad, Iraq.1955.

Ph.D. Archaeology: Cambridge University, UK. 1966.

#### PROFESSIONAL EXPERIENCE

#### ARCHAEOLOGY

Archaeologist with over thirty-five years of teaching experience

Visiting Professor of Archaeology and the Ancient World and International Studies, Brown University, USA

Lecturer- United States, Italy, the former Yugoslavia, Germany, and Yemen

Professorships in archaeology

Head- Department of History, University of Iraq

Head- Institute of Advanced Historical Studies at the Arab Historian Association

Director General of Antiquities of the North of Iraq (including ancient Assyria)

Scientific Advisor, Antiquities Department and the Iraq Museum

#### PUBLICATIONS

He has published several works in Arabic and English and has directed multiple excavations in prehistoric and historical sites in the Middle East; the results of many of these excavations were published in English and Arabic.

Books published:

Delmon , The Lost Paradise. ديلمون الفردوس المفقود

Shadows of the ancient valley. ظلال الوادي العريق

Iraq talked to earth. العراق حدث الارض

Civilization and Mankind الحضارة والانسان

History from inside the ground. التاريخ من باطن الارض

#### MESSAGE TO FUTURE GENERATIONS:

To all Iraqis where ever you are on this planet, study hard, educate yourselves and do not forget your homeland Iraq, the cradle of civilization. Be proud of being Iraqis, help Iraq thrive again and take the position it deserves among other great nations of the world.

الدكتور محمد ابو طبيخ

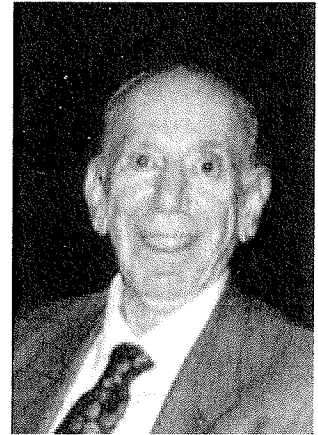
## Dr. Mohammed Abutabikh

Vista, California

Date of Birth: 1920

Place of Birth: Diwaniya-Iraq

zm962@yahoo.com



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### Education

American Board of Radiology 1959

Diploma in Radioactive Isotopes, University of Texas 1959

Medical Doctor, Syrian University 1949

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### Professional Experience

MEDICINE

1982-1987 Head of Radiology Department at Jordan University Hospital, Amman, Jordan

1977-1982 Head of Radiology Department at Al Yarmouk Hospital, Baghdad, Iraq

1967-1977 Radiologist at Medicine City and Assistant Professor at the University of Baghdad, College of Medicine, Baghdad, Iraq

1962-1967 X-Ray Specialist at the X-Ray Institute, Baghdad, Iraq

1961-1962 Head of Radio Isotopes Department, Baghdad, Iraq

1956-1961 Radiologist at Al Shaab Hospital, Baghdad, Iraq

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### Achievement

- First to introduce x-ray with TV screen in Iraq in 1969
- In 1969, purchased to the Radiation Institute a Cobalt 60 unit and a two million volt Linear Accelerator to treat cancer.
- In 1978, while at Yarmouk Hospital, purchased a remote control x-ray unit to do barium study from a distance. It was the only one in Iraq.
- Introduced a digital computerized Angio graphic unit (called DSA in the United States) at the Jordan University Hospital in 1985; it was the first in the region.
- Introduced a Mammography unit to detect breast cancer at Jordan University Hospital in 1986.

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### Message to Future Generations

Higher education and hard work are the only way the young generation can advance itself and build a bright future for our country.



الدكتور صلاح العسكري

## Dr. Salah Al-Askari

Leonia, New Jersey

Date of Birth: 1927

Place of Birth: Baghdad - Iraq

salahaskari@msn.com



### EDUCATION

M.B.Ch.B.: Royal College of Medicine- Baghdad, Iraq (Top Graduate) 1951  
Surgical Training: Cornell University Surgical Division, Bellevue Hospital- New York, 1953-1955  
Urology Training: New York University(NYU) 1955-1958  
M.S. Urology, New York University, 1959, M.D, University of the State of New York, 1987  
Fellowship in Neurology: Rusk Institute, New York University- New York, 1959  
NIH Post Doctoral Fellow: New York University School of Medicine, 1960

### PROFESSIONAL EXPERIENCE

### MEDICINE

Faculty, NYU School of Medicine and Bellevue Hospital, 1960-1970 (established the chronic dialysis unit).  
Tenured professor of Urology, NYU 1970-2008, Director of Urology, Bellevue Hospital, 1970-2002  
Career Scientist, New York City Health Research Council, Transplantation Immunology 1960-1975  
Trained more than 120 urologists and treated thousands of patients at Bellevue  
Member, Faculty Council of the NYU School of Medicine, 1970-2008, president of the Council 1993-1997  
Elected Senator, NYU Senate, 1984-2008  
President, University Faculty Senators Council, 1997-1998  
Chairman, Credentials and Bylaws Committee at Bellevue, Hospital 1973-2007  
Chairman, Benefit and Tenure Committee of the NYU School of Medicine for 30 years  
Chairman, Tenure Modification Committee of NYU Faculty Senators Council for 18 years  
First Ombudsman for the NYU School of Medicine, 2002-2008

**PROFESSIONAL ASSOCIATIONS-** AMERICAN UROLOGICAL ASSOC., AMERICAN COLLEGE OF SURGEONS, TRANSPLANTATION SOCIETY, NEW YORK ACADEMY OF MEDICINE, SOCIETY OF UNIVERSITY UROLOGISTS

### PUBLICATIONS, ONE BOOK, CHAPTERS IN SEVERAL BOOKS AND MORE THAN 45 ARTICLES

#### AWARDS AND ACHIEVEMENTS,

In recognition of research achievements he received the Career Scientist Award of the Health Research Council of the City of New York, 1964-1975.

In 1967 he performed the first successful cadaveric kidney transplant. The patient is still alive, 41 years later with two grand children and with excellent renal function. She is one of the longest such survivors in the world.

In recognition of his expertise in Transplantation Immunology, Dr. Al-Askari was appointed a member of the Immunobiology Study Section of the National Institute of Health 1966-1970, then Chairman of the Study Section 1975-78, the first urologist to be so honored in the United States.

In recognition of his significant contributions to urban health in the field of urology and his leadership in the training of urologists he was named the Honoree Urologist at the New York Academy of Medicine's 150<sup>th</sup> Anniversary Celebration.

He used the inhibition of macrophage migration to study cell-mediated immunity in transplantation, which led to the discovery of the first lymphokine, the migration inhibitory factor, MIF.

#### MESSAGE TO FUTURE GENERATIONS,

Work hard, Aim for the top and believe that you are among the best.

الدكتور رضا العطار

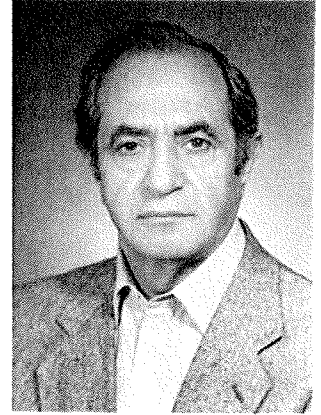
## Dr. Ridha Alattar

Annandale, Virginia

Date of Birth: February 1929

Place of Birth: Karbala - Iraq

alattar3@hotmail.com



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### EDUCATION

School of Medicine (M.D.): Istanbul University Medical College- Turkey

School of Medicine (M.D. and Residency Training): Freien University- Berlin, Germany (Magna Cum Laude)

Ph.D.: Freien University- Berlin, Germany. Dissertation: *Human Eyes Cornea Sensitivity during Anesthesia*

Post-Doctoral Fellowship (Facharzt) in Ophthalmology- Hombuld University-Berlin, Germany.

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### PROFESSIONAL EXPERIENCE

### MEDICINE

#### Ramad Central Hospital for Eye Diseases, Baghdad, Iraq

Chairman- Ophthalmology Surgical Department

Supervising Administrator- The Ophthalmology Outpatient Clinic and The Inpatient Hospital Ward

Performed over 7000 surgical procedures including: cataract, glaucoma, retinal detachment, corneal transplants, reconstructive and cosmetic operations

#### Ibnelheithem Outpatient Clinic, Baghdad, Iraq, 1980-82

Supervising Administrator

Managing Director of the clinic's emergency services with the capacity for treating over 1000 patients per day

Performed or supervised over 60,000 minor eye surgical operations including removal of small tumors and foreign bodies, hordiolium, calazion, pterigium, lid operations and lacrimal disorders

#### Private Clinic, Baghdad, Iraq

Owner (Solo Practice)

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### PROFESSIONAL ASSOCIATIONS

Member: Iraq Ophthalmological Society

Treasurer: Iraq Ophthalmological Society

Member: Iraq Physician Syndicate

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### PUBLICATIONS

Authored a book titled: *Our Eyes and Car Accidents*, 1982

Syndicated Public Health Columnist in various periodicals, Baghdad, Iraq

Delivered public lectures and made numerous Radio and Television appearances educating the public regarding eye care

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### MESSAGE TO FUTURE GENERATIONS

Work hard to exceed your expectations, and share your knowledge and experiences with others.



الدكتور محمد واصل الظاهر

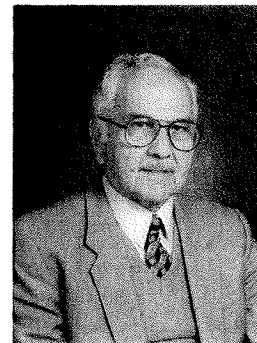
## Dr. Mohamad Wassel Al-Dhahir

Date of Birth: July 1924

Place of Birth: Mosul-Iraq

Morgan Hill, California

Email: mwaldhahir@msn.com



### Qualifications:

License(honor)in Mathematics, Higher Teachers College, Baghdad,1947.

M.Sc.in Mathematics, Columbia University, 1951.

Ph.D.in Mathematics, University of Michigan, 1954.

Post-Doctorate Fellow, University of Toronto and Research Council of Canada (1960-1961).

### PROFESSIONAL EXPERIENCE

### MATHEMATICIAN

Assistant Professor, Associate Professor and Full Professor, University of Baghdad (954-1963)

Assistant to the President for Academic Affairs, University of Baghdad (1962-1964).

Head of the Department of Mathematics and Dean of the College of Science(963-1969)

Head of the Department of Mathematics, Kuwait University (1970-1977).

Dean of the College of Science, Kuwait University (1977-82).

Consultant, Kuwait Foundation For The Advancement of Science (1978-1990).

Consultant, UNESCO Mathematics Project For The Arab States (1966-1972).

Consultant, Kuwait Ministry of Higher Education(1988-1990).

Editorial Member for various scientific journals in Iraq and abroad(1957-1990).

Member, American Mathematical Society (1950-1992).

Member Emeritus, American Mathematical Society (1993-Present).

Professor Emeritus, University of Baghdad (1978-Present).

### Achievements:

Published Research Papers in Various International Mathematical Journals.

Authored several books in Mathematics.

Supervised several M.Sc. theses in the University of Baghdad and Kuwait University.

Published Conference Papers delivered in International Mathematical Meetings.

### Message to Young Generation:

For a person to live a non-trivial life, he/she needs to have three basic habits:-  
continuous learning, productive thinking and hard working.



الدكتور جعفر صادق الحسني

## Dr. Jaffar Sadik Alhassani

Philadelphia, Pennsylvania

Date of Birth: July, 1926

Place of Birth: Alamara-Iraq

souadalhassani@yahoo.com



### EDUCATION

M.D.: Royal Medical College- Baghdad, Iraq -1950

M.A. Public Health: University of California- Berkeley - 1961

### PROFESSIONAL EXPERIENCE

### GOVERNMENT SERVICE

#### Ministry of Health

TB Control: Twaitha Hospital, Chest Disease Dispensary (Karbala), Institute for TB Control (Baghdad)

Health Education: Promotion of public health and health education in Iraq; Lecturer in the Institute of Health

Auxiliaries; Editor-in-chief of health periodical, *As-saha*

Director of International Health

Director of Health Education

Assistant director of Technical Affairs

Co-director of Environment

Founder of Para-Medical Education

#### Consultant

UNICEF- prepared Health Education Programs for Maternity and Childcare in association with the Iraqi Women Federation

### PROFESSIONAL ASSOCIATIONS

Member of TB Control Society

Member of Cancer Control Society

Member of Iraqi Red Crescent Society

Member of Family Planning Society

Member of Journalist Union

### SERVICES AND ACTIVITIES

Short-term assignments with the World Health Organization (Egypt, Kashmir, and Qatar)

Attended worldwide conferences on health related issues

### AWARDS AND ACHIEVEMENTS

Co- founder of University of Mosul, Co-founder of Cancer Control Society. Collaborated in drawing the first bill of rights for Woman and Child (Ten Commandments) 1960.

### MESSAGE TO FUTURE GENERATIONS

My advice to the young generation here is to show their gratitude and responsibility towards their country where they enjoyed free education and many more benefits.



الدكتور مجيد السكافي

**Dr. Majeed Alsikafi**

Glen Allen, Virginia

Date Of Birth: August 14, 1931

Place Of Birth: Najaf - Iraq

Majeedalsikafi@Yahoo.Com



**EDUCATION**

Ph.D., Louisiana State University, Baton Rouge, Louisiana, 1965

M.S., Oklahoma State University, Stillwater, Oklahoma, 1961

B.A., (With Honor) University of Baghdad 1953

**PROFESSIONAL EXPERIENCE**

**EDUCATION**

1965-2000, Professor of Sociology and Political Science, Associate Professor and Assistant Professor, University of Alabama, Tuscaloosa, Alabama

1989, Visiting Professor, Dokkyo University, Saitama Prefecture, Japan

1976, Assistant Chairman, Department of Sociology, University of Alabama, Tuscaloosa, Alabama

1974, Director of Graduate Studies, Department of Sociology, University of Alabama, Tuscaloosa, Alabama

1961-1964, Research Assistant, Department of Sociology, Louisiana State University, Baton Rouge, Louisiana

**PUBLICATIONS**

Numerous research findings published as abstracts and articles in publications of regional, national and international conferences such as , “ Managerial Attitudes Toward Labor Unions in a Southern City “ Southern Sociological Society, New Orleans, Louisiana, April 1966

34 Articles in national and international journals and in book chapters such as “Methodology of the Sample Survey of the Developmentally Disabled in Alabama,” Chapter 4 in Mental Retardation, Cerebral Palsy, and Epilepsy in Alabama: A Sociological Analysis (Edited by J.S. Hollingsworth) University of Alabama Press. 1976

**AWARDS AND ACHIEVEMENTS**

Organizing, chairing, and directing 26 regional, national, and international conferences such as Chairman of the Session on “ the Internationalization of Japanese Business “, Association of Japanese Business Studies, Ann Arbor, Michigan, June 1995.

Directed 10 Masters’ research theses of graduate students at the University of Alabama such as “The Subjectivity of Attribution,” by Chun-Nui Lo, Department of Sociology, Graduate School of the University of Alabama, 1987

Directed 12 Doctorate research dissertations in Sociology and Public Administration such as “Gender Discrimination in the Civil Service: A Discriminant Analysis of a U.S. Army Case File,” by George Nixon, Department of Political Science 1997, and “A Cost-Reward Analysis of Helping Behavior,” by Allen J. Futernick , Department of Sociology, 1976

Served as Grand Marshal for the University of Alabama Graduation Ceremonies (2500 Graduates “ 1997

**MESSAGE TO FUTURE GENERATIONS**

As an academic member in both Sociology and Political Science Departments, I would like to advise the future academic scholar to keep in mind that while your classroom teaching record and the services you provide to the university community are important, your publications in national and international journals, and your guidance of graduate students who are endeavoring to obtain their Masters and doctorate degrees with you are your enduring legacies which will outlast you and become a testimony to your true scholarly contribution to the academic world.

الدكتور صالح جواد الطعمة

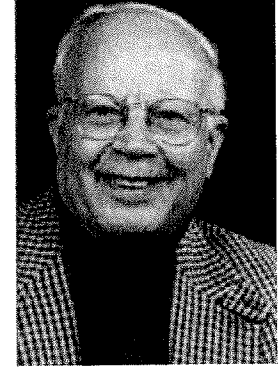
**Dr. Salih J. Altoma**

Bloomington, Indiana

Date of Birth: September 23, 1929

Place of Birth: Karbala, Iraq

salih@indiana.edu



#### EDUCATION

B.A. Arabic, University of Baghdad, Iraq (Graduated with Honors) 1952

M.A.T., Harvard University 1955

Ed.D. Language Education: Harvard University 1957

#### PROFESSIONAL EXPERIENCE

High School Teacher of Arabic- Baghdad, Iraq 1952-53

Research Associate- Harvard Center for Middle Eastern Studies 1956-57.

Assistant Professor of Arabic, Registrar and Associate Dean- College of Education, U of Baghdad 1958-60.

Director of Curricula, Textbooks, and Visual Aids (Ministry of Education, Baghdad) 1958-59.

Cultural Attaché, Embassy of Iraq, Washington, D.C. 1960-1963.

Research Fellow, Harvard Center for Middle Eastern Studies 1963-64

Associate Professor; Professor of Arabic, Indiana University 1964-

Visiting Associate Professor of Arabic, Harvard University Summers 1965, 1966

Visiting Professor, King Saud University, Riyadh. 1978-79.

President, the American Association of Teachers of Arabic 1979-80.

Co-Editor, Indiana Series in Arab and Islamic Studies, Indiana University Press, 1986-1998.

Chairman, Dept. of Near Eastern Languages and Cultures-Indiana University 1985-91.

Director, Middle Eastern Studies Program- Indiana University 1986-91.

Language Consultant, Ford Foundation (in Cairo, Beirut, Khartoum) and the Jordanian University in Amman

Consultant, Arab League's Cultural, Educational and Scientific Organization, Cairo and Tunis. 1973-74.

Member, Administrative Committee of PROTA: the Project for the Translation from Arabic 1980-2000...

#### TEACHING/ACADEMIA

#### PROFESSIONAL ASSOCIATIONS

American Association of Teachers of Arabic

Middle East Studies Association

#### PUBLICATIONS

Author or co-author of more than 20 books; published more than 100 articles, essays, guest columns, and translations on the Arabic literature and language amongst other issues. Has also delivered several public lectures and written letters on issues related to Iraq, American-Iraqi relationship, Iraqi children, collective punishment, among other subject matters. Participated in conferences in the United States and several Arab countries (Egypt, Iraq, Jordan, Kuwait, Morocco, Qatar and Saudi Arabia).

#### AWARDS AND ACHIEVEMENTS

Iraq's Crown Prince's Prize 1952

Minister of Education's Prize 1952

Iraq's Ministry of Education Scholarship (to study at Harvard Language Education) 1953-57

Harvard Research Fellowship 1963-64

Indiana University Ford International Program Fellowship 1967-68.

National Endowment for the Humanities 1972

American Research Center in Egypt 1972-73

Fulbright Fellowship 1991, 1992.



الدكتور طالب الاستربادي

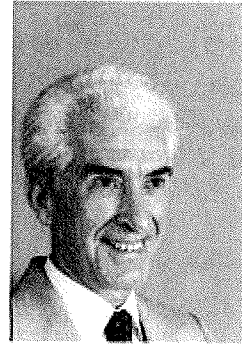
## Dr. Talib Astrabadi

Silver Spring, Maryland

Date of Birth: September, 1922

Place of Birth: Baghdad, Iraq.

[nfalaki@msn.com](mailto:nfalaki@msn.com)



### EDUCATION

---

M.S., Experimental Medicine, Mayo Foundation, University of Minnesota, Minnesota, U.S. (1952)

M.D., University of Minnesota, Minnesota, U.S. (1952)

MB. ChB, honor in Pathology and Anatomy, College of Medicine, University of Baghdad, Iraq, 1945

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### PROFESSIONAL EXPERIENCE

### MEDICINE

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House/Senior House Physician, Department of Medicine, College of Medicine, Teaching Hospital, University of Baghdad, Baghdad, Iraq (1946-1948)

Registrar, Department of Medicine, College of medicine, Teaching Hospital, University of Baghdad, Baghdad, Iraq (1949-1950)

Fellow, Mayo Foundation Graduate Medical School, University of Minnesota, Minnesota, U.S. (1950-1952)

Instructor, Department of Anatomy, College of Medicine, University of Baghdad, Baghdad, Iraq (1945-1946)

Assistant Professor, Department of Physiology, College of Medicine, University of Baghdad, Baghdad, Iraq (1953-1958)

Lecturer, Department of Physiology, Edinburgh Medical College, University of Edinburgh, Edinburgh, U.K. (1960-1962)

Assistant Professor, Department of Physiology, College of Medicine, University of Baghdad, Baghdad, Iraq (1962-1967)

Professor/Chairman, Dept. of Physiology, College of Medicine, Univ. of Baghdad, Iraq, 1967-1973

Endocrinologist, Private Practice, Iraq (1963-1980)

Endocrinology Researcher, Medical Research Council, Edinburgh, U.K. (1960-1963)

Deputy Head/Head, Training Division, Department of Public Health and Planning, Ministry of Public Health, Kuwait (1980-1986)

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### PROFESSIONAL ASSOCIATIONS

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Iraqi Medical Association

Iraqi Medical Professional Association

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### PUBLICATIONS

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Numerous publications on medical issues, including the following:

“Lymphosarcoma of Doudenum,” Case Report and Journal Article.

“Paludrin: New Antimalarial Drug,” Journal Article.

“The Effect of Growth and Lactogenic Hormones on Renal Compensatory Hypertrophy in Hypophysectomized Rats,” Journal Article.

“The Effect of Hypophysectomy, Adrenalectomy, and ACTH administration on Compensatory Renal Hypertrophy in Rats,” Journal Article. There are several other original publications.

## الدكتور فرحان باقر

### Dr. Farhan Bakir

Date of Birth: July 1, 1926

Place of Birth: Baghdad - Iraq

farhanbakir@yahoo.com



#### EDUCATION

M.B., Ch.B., Baghdad University, Baghdad, Iraq  
M.S. (Medicine), Georgetown University, Washington, D.C.  
F.C.C.P., American College of Chest Physicians  
M.R.C.P.E., Royal College of Physicians of Edinburgh  
F.R.C.P.E. Royal College of Physicians of Edinburgh  
F.A.C.P., American College of Physicians  
M.R.C.P.L., American College of Physicians, London  
F.R.C.P.L., Royal College of Physicians, London

#### PROFESSIONAL EXPERIENCE

#### MEDICINE

Numerous Teaching Posts, including:  
Instructor in Physiology Department, University of Baghdad Medical School, Baghdad, Iraq, with part-time private medical practice.  
Tutor and Instructor in Medicine, University of Baghdad Medical College  
Teacher/Lecturer, Pharmacology and Public Health in the College of Pharmacy, Baghdad, Iraq  
Chairman of the Department of Medicine, University of Baghdad Medical College, Baghdad, Iraq  
Other Professional Posts:  
Chairman of the Iraq National Formulary  
Secretary of the Iraqi Medical Society  
Secretary General of the First Annual Iraqi Medical Conference  
Physician for the Presidential Palace, Republic of Iraq  
President of the International Congress on Mercury Poisoning under the auspices of the WHO, Baghdad, Iraq  
Chairman and Organizer of the First Annual Medical Congress for the United Arab Emirates  
Founded the Iraq Medical College Graduate Alumni, IMCA  
Chairman of the Iraqi Medical Association UK (Annual Meeting) October 17, 2003.  
Emeritus professors of medicine Baghdad University, June 2004.

#### PROFESSIONAL ASSOCIATIONS

Iraqi Medical Association; Iraqi Medical Society; British Thoracic Society; American Thoracic Society; American College of Chest Physicians; Iraqi Cancer Society; Executive Committee of the Iraqi Society of Cardio-Pulmonary Disease; Executive Committee of the Iraqi Society Against Tuberculosis; American College of Chest Physicians in Iraq; British Cardiology Society; Committee of Continuous Medical Education at San Antonio Community Hospital; Continuing Medical Education Committee, Pomona Valley Hospital Medical Center

#### PUBLICATIONS

"Observation of Etiology of Primary Intestinal Lymphoma," Journal of Infection  
"The Lung and the Gut," JMJ  
"The Unfair Share/KUSMATIN DHIZA" in Arabic, Al Khaleej News Paper, Abu Dhabi  
Numerous additional publications.

#### AWARDS AND ACHIEVEMENTS

Started the M.R.C.P. Part 1 with the best achievement in the world as a result.  
Established Pulmonary Function Laboratory and the Intensive Respiratory Care Unit.  
Established the first Diabetic Clinic in which was later expanded to all over the country.  
Establish the Death conference in the teaching hospital for the first time.  
Established the Intern and Resident Committee in the Medical City Teaching Hospital, Baghdad, Iraq



الاستاذ بدري الجلبى

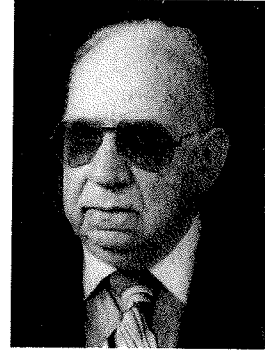
**Mr. Badri B. Chalabi**

Solon, Ohio

Date of Birth: Nov.9, 1928

Place of Birth: Baghdad - Iraq

Email: banchal@aol.com



#### **EDUCATION**

B.S. Mechanical Engineering: Illinois Institute of Technology- Chicago, Illinois

M.S. Mechanical Engineering: Illinois Institute of Technology- Chicago, Illinois

#### **PROFESSIONAL EXPERIENCE**

#### **ENGINEERING**

Lecturer in Mechanical Engineering Course, Stark College, Canton, Ohio

Assistant Professor, Mechanical Engineering Department, College of Engineering, University of Baghdad

Lecturer, Mechanical Engineering Department, College of Engineering, University of Baghdad

Mechanical & Chief Engineer, Iraqi Republican Railways, Baghdad, Iraq

Engineering Consultant, Consultant Engineering Bureau, College of Engineering, University of Baghdad

Engineering Consultant, Badri B. Chalabi Engineering Bureau, Baghdad, Iraq

Instructor, Mechanical Engineering Department, University of Delaware Newark, Delaware

Mechanical Engineer, Dukes Co., Chicago, Illinois

Mechanical Engineer, Culligan Co., Chicago, Illinois

Teaching Assistant, Gas Institute of Technology, Chicago, Illinois

President, Iraqi Institute of Technology, Baghdad, Iraq

Dean, Institutes of Technology Foundation, University of Baghdad, Baghdad, Iraq

Assistant Dean of Engineering, College of Engineering, University of Baghdad

Head of Mechanical Engineering Department, Baghdad Institute of Technology, University of Baghdad, Baghdad, Iraq

Manager and Director, Concrete Sleepers Factory, Iraqi Republican Railways Baghdad, Iraq

Mechanical Engineer, Iraqi State Railways, Baghdad

Consultant Engineer, Badri B. Chalabi Consultant Engineering Bureau, Baghdad, Iraq

Consultant Engineer, Consultant Engineering Bureau, College of Engineering, University of Baghdad, Baghdad, Iraq,

Designed, Execute, and Supervised the Construction of a number of Industrial and Engineering projects, in the following fields: A/c Design of many Multi story Buildings, Many Industrial Projects, and Supervision on the construction of Hydro-electrical and Thermal Power Plants.

#### **PROFESSIONAL ASSOCIATIONS**

Iraqi Engineering Society

Iraqi Engineering Union

American Society of Mechanical Engineering

American Society of Heating, Refrigerating, and Air Conditioning Engineering

#### **PUBLICATIONS**

Published and presented several papers on engineering related subject matters in International Conferences.

Translated a book from English to Arabic "-Heat Transfer" By Holman (1985).

#### **MESSAGE TO FUTURE GENERATIONS**

All should keep reading to learn and follow up the progress in science and life. It is going so fast and not easy to keep up with it, in order that we will not miss it.

We need to keep up with the fast pace of knowledge to learn and follow up with the progress in science and life, that is growing up so rapidly lately

## الدكتور حكمت فکرت

**Dr. Hikmat T. Fikrat**

Pleasanton, California

hfikrat@comcast.net

### EDUCATION

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B.Sc.: Chemistry; American University of Beirut 1952

M.Sc.: Organic Chemistry; University of California at Berkeley, 1956

Ph.D.: Medicinal Chemistry; University of California at Berkeley & San Francisco, 1959.

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### PROFESSIONAL EXPERIENCE

### PHARMACY

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#### Publishing and Pharmacy

Member of the Editorial Board, *The Pharmacist Letter*

Member of the Editorial Board, *The Prescribers Letter*

Contributing Editor, *Medpedia* (the free Online Medical Encyclopedia)

Owner/Manager, West Lane Pharmacy, Stockton, California

Vice-President, Hi-Tek Services, Union City, California

#### Academia

Visiting Professor, School of Pharmacy, University of the Pacific, Stockton, California

Professor, College of Pharmacy, University of Baghdad

President, University of Sulaimania, Iraq

Teaching & Research, University of Baghdad; going through the Academic Ranks

Teaching Assistant, School of Pharmacy, University of California, San Francisco

Teaching Assistant, Royal College of Medicine, Baghdad

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### PROFESSIONAL ASSOCIATIONS

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### PUBLICATIONS

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Author of more than 20 papers in the pharmaceutical field

Given several presentations in the medicine and pharmacy fields



## الدكتور سلمان الكيلاني

### **Dr. Salman D. Gailani**

Franklin, Tennessee

Date of Birth: May 25, 1926

Place of Birth: Baghdad, Iraq

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#### **EDUCATION**

---

Royal College of Medicine, Baghdad, Iraq

House Officer, Teaching Hospital, Baghdad, Iraq

Resident in Medicine, New York University, Bellevue Hospital, New York, NY

Resident in Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA

Fellow, Section of Endocrinology and Metabolism, University of Pittsburgh Medical Center, Pittsburgh, PA

Graduate Studies, University of Edinburgh, Edinburgh, Scotland

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#### **PROFESSIONAL EXPERIENCE**

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#### **MEDICINE**

---

Physician, Republic Hospital, Baghdad, Iraq

Physician and Research Scientist, Department of Medicine, Roswell Park Memorial Institute, Buffalo, NY (Retired as Associate Chief of Medicine)

Research Associate Professor of Pharmacology, State University of New York, Buffalo, NY

Medical Oncologist (Private Practice), St. Catherine Hospital, East Chicago, IN

Clinical Associate Professor of Medicine, Indiana University School of Medicine, Indianapolis, IN

Medical Oncologist (Private Practice), Munster Community Hospital, Munster, IN

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#### **PROFESSIONAL ASSOCIATIONS**

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American Association for Clinical Research

American Association of Cancer Research (Emeritus)

American Society of Clinical Oncology (Emeritus)

American Society of Hematology (Emeritus)

American Institute of Nutrition

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#### **PUBLICATIONS**

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Articles (Sample): Muscular dystrophy; catheterization studies indicating latent congestive heart failure.

Controlled environment culture of bone marrow explants from human myeloma.

Idiotype in myeloma terminating in erythroleukemia.

Book Chapter: Nutrition and Cancer in *Cancer Medicine*, Holland and Frei, Editors.



الدكتور وديع جعفر حمندي

## Dr. Wadie Jafar Hamamandi

Date of Birth: July 1929

Place of Birth: Baghdad - Iraq

Fairfax, Virginia

hayfahamandi@gmail.com



### Qualifications:

Graduate of Iraqi Medical School, University of Baghdad 1952  
American Board of Colon and Rectal Surgery 1962.  
Fellow of the American College of Colorectal Surgeons.  
Fellow of the International College of Colorectal Surgeons

### PROFESSIONAL EXPERIENCE

MEDICINE

Forty years of private practice.  
Worked in Academic Hospitals in Iraq and United States of America.

### Achievements:

Published many papers in leading International Medical Journal.  
Attended and gave speeches in many Local and International Medical meeting.  
Established a Colorectal Clinic and department in the Republic Teaching Hospital  
As I was the first one in this specialty in the area I encouraged quite few of my students into this field and they are prominent sergeants now.  
Medical Attachment at Hammersmith and St. Marks Hospital University of London.  
Teaching at Iraqi Medical School.  
Research at Colorectal clinic, university of Manchester.

### Message to Young Generation:

Hard work, honest patients and to yourself, never stop in daily learning and follow up



الدكتور هاشم حمزاوي

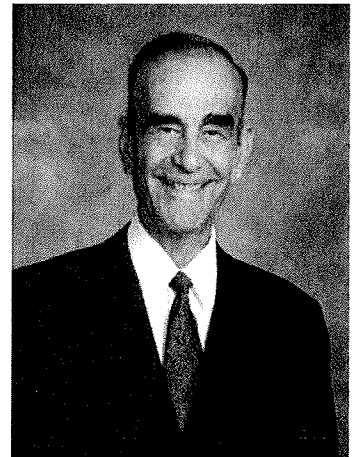
## Dr. Hashim Hamzawi

Folsom, California

DATE OF BIRTH:: MAY 11, 1928

PLACE OF BIRTH: KIRKUK, IRAQ

hmhamzawi@sbcglobal.net



### EDUCATION

---

B.Sc. Civil Engineering- University of Baghdad, Iraq

M.Sc. Civil Engineering- California Institute of Technology, Pasadena, California

Ph.D. Civil Engineering- Stanford University, California

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### PROFESSIONAL EXPERIENCE

### ENGINEERING

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#### Engineer

Department of Public Works- Iraq

Converse Foundation Engineering- Pasadena, California

Sandberg-Serrel Corporation- Pasadena, California

Principal Partner and co-founder of Al-Rawafed Engineers, Baghdad, Iraq

Senior Engineering Specialist, Dokken Engineering, California, USA

#### Professor

Professor of Civil Engineering, University of Baghdad, Iraq (Professor Emeritus)

Dean of Graduate Studies & Research, University of Baghdad, Iraq

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### PROFESSIONAL ASSOCIATIONS

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Member of Iraqi Engineering Society

Member of Iraqi Engineers Union

Fellow – American Society of Civil Engineers, Life Member

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### PUBLICATIONS

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Author of 22 papers in the field of Civil Engineering

Member of drafting committee of "Iraqi Building Code Requirements for Reinforced Concrete Structures," January 1987

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### AWARDS AND ACHIEVEMENTS

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Numerous certificates of commendation for engineering projects

My greatest reward is the professional success of my students

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### MESSAGE TO FUTURE GENERATIONS

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Professional integrity and lifelong learning are key to a successful career

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الدكتور عبد الصاحب هاشم

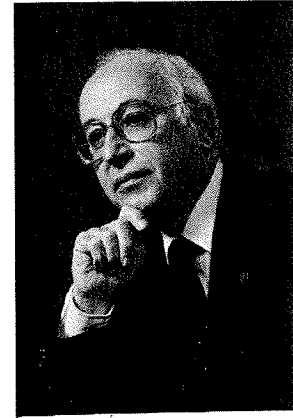
## Dr. Abdul Sahib Hashim

Rockville, MD

Date of Birth: 1926

Place of Birth: Baghdad - Iraq

ashashim@verizon.net



### EDUCATION

M.D.: Royal College of Medicine- Baghdad, Iraq  
Fellowship: Pediatric Pathology- Columbus, OH

### PROFESSIONAL EXPERIENCE

### MEDICINE

Physician- in the Iraqi army, Rawedooz  
Private Practice- Baghdad, Iraq  
Private Practice, Pediatrics- Cumberland, Maryland to Washington, DC area

### Community Involvement

Superintendent- Islamic Weekend School, Islamic Center- Washington, DC  
Founder- Muslim Community Center- Silver Spring, MD  
Participant- in establishing the Islamic Education Center- Potomac, MD  
Founder- Qur'an Accounts  
Organizer- Darul Salam Center

### PUBLICATIONS

Wrote several books on Islam for beginners and on Friday sermons; *How to be Your Child's Doctor, Sometimes*; "Sunni-Shi'i Dialogue Pamphlets;" published the website [islamicbooks.info](http://islamicbooks.info).  
Rewrote and Edited book of: *Khutbas of Jumu'ah*  
Life of Muhammad (pbuh) Vol. I, and Vol. 2.

### AWARDS AND ACHIEVEMENTS

Founding Father of the Muslim Community Center, Silver Spring, MD  
Helped organize Darul Salam Center  
Established School in Woodward High School  
Converts helped through Quran Account reach 7,496  
Residency in Beverly Hospital, Massachusetts, then in Mount Auburn Hospital in Cambridge, MA, then in Children Med. Center, Boston MA, then in Children Hospital Cincinnati, OH.

### MESSAGE TO FUTURE GENERATIONS

Work hard. See opportunities to serve God by serving your fellow man. Be honest and straightforward.



الدكتور خالدون حلمي

## Dr. Khaldoon Ibrahim Hilmi

Great Falls, Virginia

Date of Birth: June, 1927

Place of Birth: Baghdad - Iraq

khilmimd@verizon.net



### EDUCATION

M.B., CH.B: Royal Collage of Medicine- Baghdad, Iraq  
In U.S.A. M.D., F.A.C.C., F.A.C.P.

### PROFESSIONAL EXPERIENCE

### MEDICINE

Clinical practice in the specialty of Internal Medicine plus Cardiovascular Diseases since 1965 till present.

### AWARDS AND ACHIEVEMENTS

First Iraqi Physician to obtain the American Board of Internal Medicine in June 1965 and the American Board Cardiovascular Disease in November 1960.

### MESSAGE TO FUTURE GENERATIONS

Be honest, work hard, and help others.

الدكتور مجيد حسين

## **Dr. Majid Hussein**

Majid Hussein Graduated from Baghdad Royal Medical College in the year 1953, after that served as Military doctor in Alrashid Military Hospital (surgical Department), Attending many advanced surgical courses in various hospitals in London during the years 1953 to 1963, On July 1963 I established Dr. Majid Hussein Private hospital in Baghdad, which serve the Iraqi people since then.

My advice for the new Iraqi academic generations to be faithful and professional in their work, be passionate and have mercy in your heart to the needy.

Depend on God and yourself. Solve the problems by wisdom and patient, continue going up the stairs of life to achieve the best possible science degrees in your field



السيد فائق خليل ابراهيم

## Mr. Faik Khalil Ibrahim

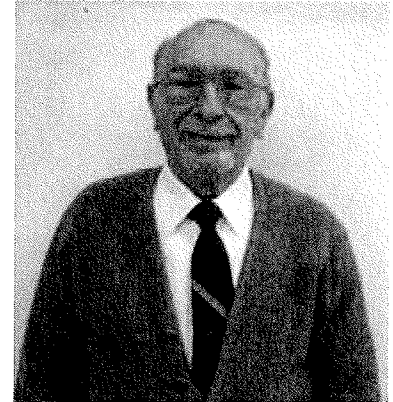
Tulsa, Oklahoma

Date of birth : August 4th, 1928

Place of birth: Baghdad - Iraq

ibrahim3@cox.net

www.electricmotorsoftware.com



### EDUCATION

B.S., Electrical Engineering (Power Major), University of California Berkely, CA

### PROFESSIONAL EXPERIENCE

### SCIENCE

Over 40 years experience designing electric motors, including the electrical, mechanical and thermal design of fractional and integral horsepower motors such as: Single and Polyphase Induction Motors in the Horsepower range of up to 100 with Frequencies of 50 Hz, 60 Hz, 400 Hz and 1000 Hz (both air cooled and water cooled); Polyphase Brushless DC motors; Direct current motors and tachometers

### PUBLICATIONS

Paper on Shielded Field D.C. Torquers, Rotating and Static Precision Components Symposium, Department of the Navy

### AWARDS AND ACHIEVEMENTS

Patents:

Shielded Field D.C. Torquer, Patent #3,249,780; Angular Positioning and Torque Output Servomechanism, Patent #3,530,345;

Non-Commutated Linear Motor, Patent #4,857,452

Copyrights:

Computer programs (with instruction manuals) for the Design of Polyphase Induction Motor-Air cooled and Water cooled,

Polyphase Brushless DC Motor, Permanent Magnet Brush Type DC Motor, Series Field Brush Type DC Motor with

Interpoles

### MESSAGE TO FUTURE GENERATIONS

Get the best education available for your field of interest.

Work hard.

Share your knowledge and expertise with other people.

الدكتورة مي عارف قفطان

**Dr. May A. Kaftan-Kassim**

ANNANDALE, VIRGINIA

DATE OF BIRTH: JANUARY 14, 1928

PLACE OF BIRTH: BAGHDAD, IRAQ

MAYKAFTAN@AOL.COM



#### EDUCATION

M.Sc., Ph.D., Harvard University, Radcliffe College, 1957, 1958

Diploma of Education, University of Oxford, 1950

B.Sc., University of Manchester, 1949

#### PROFESSIONAL EXPERIENCE

#### SCIENCE/EDUCATION

Director, Astronomy & Space Science Center, Scientific Research Council, Baghdad, Iraq, 1976-1982

Associate Professor, State University of New York, Albany, NY, 1966-1976

Associate Scientist, National Radio Astronomy Observatory, Green Bank, WV, 1964-1966

Associate Professor, Science College, Baghdad, Iraq, 1962-1964

Research Fellow, Harvard University, 1959-1962

Instructor, Queen Alia College, Baghdad, Iraq, 1950-1953

#### PROFESSIONAL ASSOCIATIONS

*American Astronomical Society, International Astronomical Union, COSPAR*

#### PUBLICATIONS

Published astronomical research papers in international peer-reviewed literature, including *Nature*, *The Astrophysical Journal*, and *The Astronomical Journal*.

#### AWARDS AND ACHIEVEMENTS

Taught undergraduate and graduate classes and served as PhD thesis advisor to several successful doctoral candidates in the Astronomy and Space Science Department at the State University of New York in Albany.

Represented Iraq at the United Nations conference on "The Peaceful Uses of Outer Space".

Led the Iraqi Space Science Center (previously The Astronomical Unit) of the Iraqi Scientific Research Council in revising the scope and specifications of the projected Iraqi Astronomical Observatory. This included evolving the project from a modest optical telescope to be located in the Baghdad environs, to an advanced modern observatory that included Optical, Infrared, and Radio telescopes requiring a remote location distant from light pollution that hinders astronomical research.

Conducted the necessary site testing in several mountain regions in northern Iraq in collaboration with American and British observatories that led to the selection of Mount Korek as the most suitable location.

Drew detailed specifications for the telescopes, instruments, buildings, and infrastructure presented to major firms in the US, Britain, France, Germany, and Japan. Evaluated offers in collaboration with Iraqi scientists and engineers from the University of Baghdad and other scientific centers; negotiated the detailed, signed contract that led to the turn-key project.

#### MESSAGE TO FUTURE GENERATIONS

The only reward worth seeking is the personal pleasure and satisfaction of a job well done.



الدكتورة لطيفة عارف قفطان

**Dr. Latifa Arif Kaftan**

St. Paul, Minnesota

Date Of Birth: 22/09/1925

Place Of Birth: Baghdad - Iraq

Khalilmak29@Yahoo.Com



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#### EDUCATION

M.B., Ch.B., Royal College of Medicine, Baghdad, 1953

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#### PROFESSIONAL EXPERIENCE

#### MEDICINE

Chief, Division of Cytology, Central Public Health Laboratory, Baghdad, 1976-1983

Chief, Exfoliative Cytology Unit, Central Pathology Institute, Baghdad, 1962-1975

Consultant Pathologist, Central Pathology Institute, Baghdad, 1960

Research Fellow, Department of Pathology, Whittington Hospital, London, 1959-1960

Course in Exfoliative Cytology, Royal Free Hospital, London, 1962

Course in Cancer Detection through Exfoliative Cytology, Tehran, 1972; organized by Johns Hopkins Hospital and The World Health Organization

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#### AWARDS AND ACHIEVEMENTS

Pioneering the initiation and establishment of Exfoliative Cytology as a subspecialty in pathology for the first time in Iraq, this was, at the time, the most efficient tool for the diagnosis of several types of cancer.

Overseeing the training of generations of Iraqi Cytologists.

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#### MESSAGE TO FUTURE GENERATIONS

- Hard work will pay in the long run.
- Keep abreast of the latest advances in your field



الاستاذ سامي قصير

## Mr. Sami Kassir

Fairfax, Virginia

Place of Birth: Mosul, Iraq

Date of Birth: June 25, 1925

fkassir@yahoo.com



### EDUCATION

B.S., Beef Cattle Production, Arizona University, U.S. 1953

M.S., Dairy Cattle Breeding, Iowa State University, U.S. 1961

### PROFESSIONAL EXPERIENCE

### AGRICULTURE

Consultant of Animal Production, Ministry of Agriculture, IRAQ

Consultant of Animal Husbandry Resources, Arab League, Damascus, SYRIA

Lecturer in Animal Breeding, Baghdad University, IRAQ

Director of Animal Production, Ministry of Agriculture, IRAQ

Director of Animal Resources, Ministry of Agriculture, IRAQ

Director of Abu-Ghraib, Ministry of Agriculture, IRAQ

### CERTIFICATIONS

- Expert in animal selection and animal breeding
- Member of University Board of Agriculture College, Basra University 1972-1974

### AWARDS AND ACHIEVEMENTS

- One of the founder group of faculties who established the College of Veterinary, University of Baghdad.
- Promotion of animal breeding and the process of artificial insemination and animal selection for improving the output of dairy cattle.

### PUBLICATIONS

More than 25 original articles in the field of agriculture have been published in well known journals in the USA, Great Britain and India.

### MESSAGE TO FUTURE GENERATIONS

Be truthful to yourself and Iraq.

Work hard for Iraq and Iraq alone.

If outside Iraq, return as soon as the normal environment in the country prevails.



الاستاذ اسعد خيلاني

## Mr. Asad Khailany

Ann Arbor, Michigan

Date of Birth: July 1, 1927

Place of Birth: Rawanduz, Iraq

asad.khailany@gmail.com



### EDUCATION

B.S Pure Mathematics and Education: Baghdad University- Iraq

M.S. Mathematical Statistics: St. Louis University- USA

M.S. Computer Science and Applied Mathematics- Washington University- USA

D.Sc. Computer Science- Washington University, USA

### PROFESSIONAL EXPERIENCE

### EMERITUS PROFESSOR

35 years teaching experience. Started as assistant professor at University of Arkansas in 1971, joined Eastern Michigan University in fall 1972, and awarded the rank of full proctorship in fall 1980. He was the main contributor in developing CIS (Computer Information System) program which was rated by ASCM as one of the best 20 CIS program in 1976. He became a member of both ACM (American Computing Machinery) and SGSE (Special Interest Group Computer Science Education) in 1971, and founded ACM Special Interest Group on Computer Science Education in Less developed Countries.

### PROFESSIONAL ASSOCIATIONS

Washington Kurdish Institute

Kurdish National Congress of North America

ACM SIGCSE (Special Interest Group of Computer Science Education)

### PUBLICATIONS

Author of two textbooks in computer languages

Published numerous articles, made numerous presentations in the field of Computer Information Systems, and

Served as Member of the editorial staff of *The Journal of Database Management Systems*

Reviewer of SIGCSE-Bulleting

Served as Reviewer of Business Research Yearbook (an IABD Journal)

### AWARDS AND ACHIEVEMENTS

Letter of Appreciation from Eastern Michigan University for 33 years of service

Outstanding Service ORIS Faculty Achievement Award

Certificate- Achievements of Outstanding Performance

Certificate of Outstanding Contribution, IAMM Conference

Certificate of Recognition from IABD (International Academy of Business Disciplines)- received numerous times

الدكتور محمد علي خليل

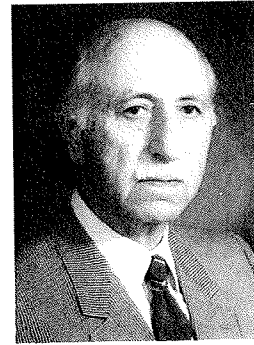
## Dr. Mohammed Ali Khalil

ST. PAUL, MINNESOTA

Date of Birth: October 1929

Place of birth: Baghdad - Iraq

KHALILMAK29@YAHOO.COM



### EDUCATION

M.B., Ch.B. Royal College of Medicine, Baghdad, 1953

MRCP (Ed.), 1962      FRCP (Ed.), 1974

### PROFESSIONAL EXPERIENCE

### MEDICINE

President, Mustansiryya Medical Faculty Authority, 1998 - 2003

Dean, College of Medicine, University of Baghdad, February 1978-November 1979

Chairman Dept. Of Medicine, University of Baghdad, March 1976-Dec.19 78

Chief, 4th.Medical Unit Medical City Hospital, Baghdad, March 1972-Nov.1979

Research Fellow at Metabolic Research Unit, University of California, San Francisco, 1976-1977

Assistant Professor in Medicine, College of Medicine, Baghdad University, May 1969

Faculty Instructor in Medicine and Endocrinology, College of Medicine, 1963

Consultant in Medicine and Endocrinology, Republican Teaching Hospital, Bagdad, 1961-1963

Residency and Postgraduate Studies, 1953-1961

### AWARDS AND ACHIEVEMENTS

Established the Endocrine Clinic at Medical City Hospital as a first rate Service and Teaching Facility that attracted many visiting Faculty, 1972

With others and World Health Organization assistance, volunteered establishing a modern Medical Record Keeping System at Medical City Hospital, the first of its kind in Iraq. 1971

Established a proper Referral Outpatient Clinic in Medicine at Medical City Teaching Hospital, 1971

Actively pursued and helped enact the Full Time Law in Medical Colleges, 1972

In 1986 and within a select committee actively reviewed and rewrote: The Public Health Law, The Law of the Ministry of Health, and The Law of Graded Medical Training

Supervised several M.Sc. and Ph.D. theses in Medical sciences.

As president of the Mustansiryya Medical College Authority and with other similar bodies, I helped appreciably improve the standard of Medical Colleges through: Proportionate matching of students to staff, dramatically increasing the pay of the teaching staff, refurbishing colleges and affiliated hospitals, upgrading medical libraries, etc.

Publications in Leading Medical Journals like The Lancet; Endocrinology; Journal of Clinical Pathology; Journal of Alabama Medical Sciences.

### MESSAGE TO FUTURE GENERATIONS

- Put your soul to medicine, the more you will enjoy it.
- While medicine is getting increasingly molecular, don't lose the humane side of it.
- In clinical practice the more you interact with patients, the more pleasure you will derive, the more grateful and trusting the patients are, the quicker the illness heals.
- Never forget the Code of Medical Ethics.
- Never look down on others opinions, they might be right and you might be wrong.
- Stay abreast with the latest developments in your field or you will lose the trust of your juniors.
- Always question the present "facts", they are not the final words.



الدكتورة خالدة عبد الله قصير

## Dr. Khalida Abdullah Kassir

Date of Birth: November, 1924

Place of Birth: Mosul, Iraq

Virginia Beach, Virginia 23451

khalidakassir@yahoo.com

(757)333-5096



### EDUCATION

Royal Collage of Medicine- Baghdad, Iraq, 1949, MD, Pediatrics

### PROFESSIONAL EXPERIENCE

Child Welfare Society Hospital - Baghdad, Iraq, 1949-1982

Buffalo Children's Hospital - Buffalo, NY, 1953-1955

Private Clinic Practice, 1955- 1995

### MEDICINE

### PROFESSIONAL ASSOCIATIONS

Red Crescent Society, Baghdad, Iraq

### AWARDS AND ACHIEVEMENTS

Fulbright Scholar: Selected for medical specialty training at Buffalo Children Hospital

### MESSAGE TO FUTURE GENERATIONS

Follow your dreams with determination and passion in order to achieve your goals. As one of the first wave of women medical graduates in Iraq it was not easy to convince family and traditionalist to study medicine and travel as far as America to learn about more advanced medicine and treatment. As I returned home to practice and start my own family I feel blessed and rewarded for having the dream to become a doctor and serve my people and my country. Nothing can be as rewarding to me as seeing babies who I cared for so many years ago become grown and successful men and women following their dreams as I did.



الاستاذ طليح مكي

**Mr. Tali M. Makki**

Fairfax, Virginia

culture@iraqiculture-usa.org

#### **EDUCATION**

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B.S., Physics (1950)

M.A., Science Education, Ohio State University, Columbus, Ohio (1965)

#### **PROFESSIONAL EXPERIENCE**

#### **EDUCATION/DIPLOMACY**

Assistant Cultural Attache, Washington, D.C., (Present)

Security Officer, WD Enterprise, Inc./CES Security (2002-Present)

Interpreter, Center for Multicultural Human Services (2001-2002)

Professor, Seventh of April University, Al-Zawia, Libya (1996-2000)

Professor/Assistant Dean, Department of Education, University of Baghdad, Baghdad, Iraq (1983-1996)

Acting Cultural Attache/Assistant Cultural Attache, London, United Kingdom and Washington, D.C., U.S. (1967-1971) (1979-1982)

Professor, University of Baghdad, College of Education, Baghdad, Iraq (1965-1967)(1971-1979)

Teacher, High School (1951-1963)

#### **MESSAGE TO FUTURE GENERATIONS**

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- Live, love, laugh.
- Use scientific thinking; be intellectual.
- Be patient.
- Be dependable.
- Take initiative.
- Don't lie.
- Try to be a team member when you are working with others.



الاستاذ فؤاد بطرس ميشو

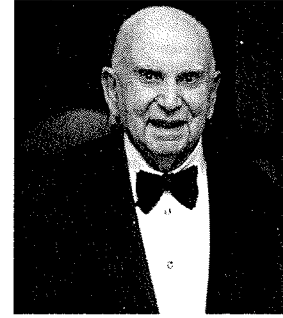
**Mr. Fuad Petros Mishu**

Knoxville, Tennessee

Date of Birth: January 18, 1922

Place of Birth: Baghdad - Iraq

Fuadmsu@gmail.com



**EDUCATION**

Civil Engineer: Graduate of the school of Egypt in Baghdad –IRAQ.

Music: Violin, Clarinet, and Oud Player since 1935. Graduate of The Iraq’s Fine Arts Institute in 1952.

**PROFESSIONAL EXPERIENCE**

**ENGINEERING**

Government of Iraq Bridge Department P.W.D. Highway Designs  
Point Four Highway Design for U.S. Experts  
Construction Manager of antibiotic and Pharmaceutical Plant in Samara  
Construction Manager of Tel Mohammed Kha Beir Sand Road

**PROFESSIONAL EXPERIENCE MUSIC**

Co- founder of the IRAQI Symphony Orchestra  
Co-founder of the Iraqi Chamber Music  
Co-founders of Takhit Bagdad Al Sarqi  
Ex-member of classic sound of Knoxville

**PROFESSIONAL ASSOCIATIONS**

The Engineering Union in Bagdad  
The American society and civil Engineering  
Member and Co-founder of the Iraqi symphony orchestra  
Member and Co-founder of Takht Baghdad Al Sharon  
The school of music at the University of Tennessee Advisory board  
The Knoxville Symphony Board of Directors  
The Knoxville Opera Board of Directors  
Music Study Club in Knoxville, Tennessee  
Friendship Force international  
The Arab America Club of Knoxville - Honorary and Founding Member  
The Classic Sounds of Knoxville  
Ex-member of Senior service at St. Mary’s Hospital

**PUBLICATIONS AND MUSIC LIBRARY**

2 Books including a memoir capturing Iraq’s history as an eye witness  
Several articles in Worldwide Arabic and English publications  
Host of the largest Multilingual music library and its digital database. This library includes, but not limited to, music and songs performed by original and other world renowned artists at public and private performances. These performances date back to the turn of the 20<sup>th</sup> century with improved quality of sounds.

**AWARDS AND ACHIEVEMENTS**

Mentoring Younger Generations

الاستاذ هشام منير

## Mr. Hisham Munir

Arlington, Virginia

Date of Birth: 1930

Place of Birth: Baghdad

hishmunir@yahoo.com

<http://munirgroup.com>



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### EDUCATION

B.Arch., University of Texas, Austin, TX

M.Arch., University of Southern California, Los Angeles, CA

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### PROFESSIONAL EXPERIENCE

### ARCHITECTURE/CONSULTING

Worked and taught before returning to Iraq in 1957

Head of Technical Section 3, overseeing governmental administrative buildings, Ministry of Works, Baghdad, Iraq

Founder/Chairman, Department of Architecture in Iraq at the College of Engineering and the Post-Graduate program at the school, University of Baghdad, Baghdad, Iraq

Founder/Owner, Hisham Munir and Associates (Architectural Consulting Firm), Iraq

One of the largest leading architectural consulting firms in Iraq, working with famous International firms and winning the largest number of competitions

Completed projects all over Iraq in various fields of specialties; Education, Health, Administrative, Governmental, Banking, Hospitality, Tourism, Housing, Agro industrial, Commercial and Private among others

Some of the major projects include;

University of Baghdad, Jadiryah

Baghdad Medical City, various stages

Baghdad Sheraton and Basra Sheraton

Comprehensive development and conservation of Abu Al-Nawas Area

Ministry of Interior, Ministry of Commerce, Baghdad Mayor Office (Amanat Al Asima), Social Security Building

Agricultural Museum (developed into other uses) and the Unknown Soldier Monument

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### AWARDS AND ACHIEVEMENTS

Honorary awards:

International Marmi Architectural Awards (Italy) for Middle East And North Africa 1990; The Baghdad Mayoral Committee Award - Commercial complex on Arasat Street

First prize awards:

Mosul hospital; Iraqi Engineers Union Headquarters; Baghdad Chamber of Commerce; The Central Street Project, College of Agriculture, University of Sulaymania; Ministry of Justice; Baghdad Mayor's Office Complex; Ministry of Oil Complex in the Government Center, Basra; Municipality Building; African Iraqi Company Headquarters; Government Sales Headquarter, Ministry of Commerce; Ministry of Higher Education; Agriculture Museum - as the first part of the Higher Agriculture Council.

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### MESSAGE TO FUTURE GENERATIONS

Being proud of our country's rich heritage being a part of our identity, it becomes the duty of the young generation to preserve and conserve it and make it the source of inspiration for creativity to give it continuity.

In order to successfully carry out the much needed work all over Iraq, it is imperative for you to demand from all foreign companies to work in partnership with local Iraqis in each of the specialty fields to facilitate the transfer and building of knowledge to develop the local expertise equivalent. This expertise will be the basis upon which to develop sustainable ability to meet future challenges independently.



الدكتور طه ناجي

**Dr. Taha Naji**

Huntington Beach, California

**EDUCATION**

B.S., Agricultural Sciences, University of California Berkeley (1950)

Ph.D., Soil Chemistry, University of California Berkeley (1957)

**PROFESSIONAL EXPERIENCE**

Ministry of Agriculture, Baghdad, Iraq (1950-1951)

Professor, University of Baghdad, College of Agriculture (Abu Ghraib), Baghdad, Iraq (1958-1981)

**MEDICINE**



الدكتور حسن طه النجم

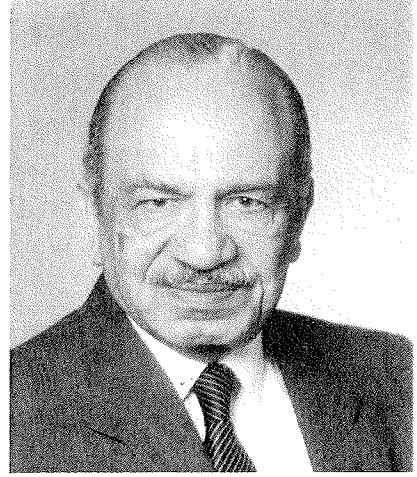
## Dr. Hassan Taha Najim

Falls Church, Virginia

Date of Birth: July, 1920

Place of Birth: Baghdad - Iraq

htnajim@hotmail.com



### EDUCATION

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B.A. Higher Teachers' College-Baghdad, Iraq

M.A. University of Illinois- Urbana, Illinois

Ph.D. Syracuse University- Syracuse, New York

### PROFESSIONAL EXPERIENCE

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### PROFESSOR

University Professor: University of Kuwait

University Professor: College of Education, University of Baghdad- Iraq

College Lecturer: College of Commerce and Economics of Baghdad

High School Teacher: Central Secondary School of Baghdad

### AWARDS AND ACHIEVEMENTS

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Published articles in Arabic on variety of subjects, e.g. World's food problems, man and environment, change aspects of world resources. Latin American: land and People (a handbook for students).

### MESSAGE TO FUTURE GENERATIONS

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You have to believe that you will be part of leadership in your community. Then define with firmness that role you want to play in the leadership.

Proceed intensely and with predetermined framework how to achieve this with a good education and training a way from the dictatorial way of learning, so that you can serve your country properly.



الدكتورة مليحة محمد رحمة الله

**Dr. Maliha M. Rahmatullah**



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#### **EDUCATION**

M.A., University of Pennsylvania

Ph.D., University of Pennsylvania (Thesis completed at University of Cairo 1968)

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#### **PROFESSIONAL EXPERIENCE**

#### **MEDICINE**

Professor of Islamic History, College of Arts, Baghdad University, Baghdad, Iraq

Professor, College of Queen Alia

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#### **PUBLICATIONS**

Numerous articles and books within her field of research.

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#### **AWARDS AND ACHIEVEMENTS**

One of the first group of four women to be awarded Academic Scholarships to study in the U.S. in 1948.

الدكتور عبد الرسول صادق

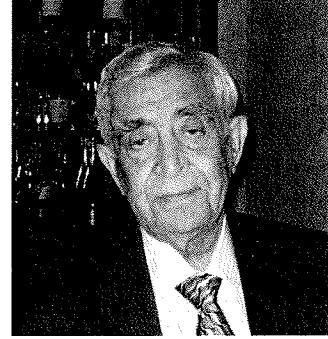
## Dr. Abdul Rasul Sadik

New York, New York

Date Of Birth: June 1927

Place Of Birth: Baghdad, Iraq

Married With Three Children And  
Three Grandchildren



### EDUCATION

M.D.: College of Medicine, Baghdad University- Baghdad, Iraq, 1948  
 Captain: 1 year Army Reserve, 1948-49  
 Resident: General Surgery, Teaching Hospital- Baghdad, Iraq, 1949-52  
 Resident: General Surgery: Baylor University Hospital- Dallas, Texas, 1952-53  
 M.S. General Surgery: Baghdad University (with title of instructor), 1954-1960  
 Resident and Chief Resident: Neurosurgery, NYU Bellevue Medical Center, 1960-65  
 Passed American Board of Neurosurgery, 1965  
 ECFMG Certificate 1960  
 Medical Licenses in both New York State and State of New Jersey, 1968  
 Passed the Standard American Board of Neurosurgery, 1970

### PROFESSIONAL EXPERIENCE

### MEDICINE

Attending Surgeon in General Surgery, Teaching Hospital- Baghdad, Iraq (1954-1960)  
 Resident and Chief Resident in Neurosurgery- New York University, Bellevue Hospital- New York (1960-65)  
 Attending Neurosurgeon (with title of Instructor) at Teaching Hospital- Baghdad, Iraq (1965-67)  
 Research Fellowship in Neuro-Radiology- New York University Medical Center- New York (1967-1968)  
 Lecturer on Neurosurgery (as Instructor)- Teaching Hospital- Baghdad, Iraq (1954-1960)  
 Private practice in Neurosurgery- New York (1970-2004)  
 Assistant Professor of Neurosurgery- NYU School of Medicine (1968-1974)  
 Associate Professor of Neurosurgery- NYU School of Medicine (1974-present)

### PROFESSIONAL ASSOCIATIONS

American Association of Neurosurgery (1971-present)  
 Congress of Neurosurgery (1966-present)  
 FACS, Fellow American College of Surgeons (1966-present)

### PUBLICATIONS

16 articles in the field of neurosurgery.

### AWARDS AND ACHIEVEMENTS

He pioneered neurosurgery as a specialty at the Teaching Hospital in Baghdad. It was not yet recognized and at the time and he was the first and only qualified neurosurgeon in the country.  
 First to establish and perform the procedure of cerebral angiography for diagnosis of intra cranial disease.  
 NYU Service Citation Award (25 years service and 35 years service)

### MESSAGE TO FUTURE GENERATIONS

To pursue any profession in today's world one must truly be prepared. Higher education is no longer an option, but a necessity. It will take hard work, persistence, and commitment in order to achieve one's goals.



الدكتور حسن صالح

## Dr. Hassan A. Salih

Fairfax, Virginia

hsalih@aol.com

### EDUCATION

B.S., Royal College of Medicine, University of Baghdad, Baghdad, Iraq

Psychiatric Residencies: Jersey City Medical Center, Jersey City, NJ; Rochester State Hospital, Rochester, NY; The Psychiatric Institute, Adult Services University of Maryland Hospital, Baltimore, MD

### PROFESSIONAL EXPERIENCE

### MEDICINE

Chairman of ECT, Fairfax Hospital, Falls Church, VA

Psychiatrist in Charge of Psychiatric Services, Commonwealth Hospital (now Fair Oaks Hospital), Fairfax, VA

Director, Psychiatric Services, Northern Virginia Juvenile Detention Center, Alexandria, VA

Director, Mid Missouri Mental Health Center, Out-patient Department, Columbia, MO

Clinical Assistant Professor, Psychiatric Department, Georgetown University, Washington, DC

Clinical Assistant Professor, School of Medicine, Department of Psychiatry, University of Missouri, Columbia, MO

Over thirty years of experience with in-patient psychiatric care, in-patient/out-patient electroconvulsive therapy, effective disorder management in elderly management of physically and emotionally ill, management of multi-psychotropic drugs.

Solo private practice, Fairfax, VA

### PROFESSIONAL ASSOCIATIONS

American Medical Association

American Psychiatric Association

Washington Psychiatric Society

WPS Northern Virginia Chapter

Virginia Medical Society

American Geriatric Society

### PUBLICATIONS

"Phobia : Types, Dynamics and Treatments," Canadian Psychiatric Association Journal

"Phobia : Types, Dynamics and Treatments," Psychiatric Yearbook

"Phobia and Childhood Phobia," Journal of Iowa Medical Society

"Phobia in Group Psychotherapy," International Journal of Group Psychotherapy

"Office Management of Obese Patients," Missouri Medicine

"Geographical Considerations in Cornmunit; Mental Health," Missouri Medicine

Proposed a mental health program for Fairfax County Schools, Fairfax, Virginia, The Virginia Medical Monthly

الدكتور جلال الصالحي

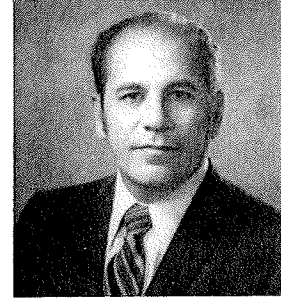
**Dr. Jalal T. Salihi**

El Cajon, California

Date of Birth: December 1925

Place of Birth: Sulaymania, Iraq

j.salihi@ieee.org



#### **EDUCATION**

B.Sc., Electrical Engineering: Leeds University, England, (1948)

M.S. and Ph.D., Electrical Engineering: University of California, Berkeley, (1954 and 1958)

#### **PROFESSIONAL EXPERIENCE**

#### **ENGINEERING**

Vice-President of Research and Development, US Elevator, Cubic Corporation, San Diego, California, (1985-94).

Director of Research, Otis Elevator, United Technologies Corporation, Farmington, Connecticut, (1973-85).

Chief of Hybrid and Electrical Systems Development Branch, US Environmental Protection Agency, Ann Arbor, Michigan ,(1971-73) .

Supervisory Research Engineer, GM Research Laboratories, Warren, Michigan and Goleta California (1963-71).

Head of Electrical Engineering Department, College of Engineering, Baghdad, Iraq, (1959-63).

Project Engineer, Lenkurt Electric Company, San Carlos, California (1957-58).

#### **PROFESSIONAL ASSOCIATIONS**

Fellow and life Member of the American Institute of Electrical and Electronics Engineers, IEEE.

Member of the Static Power Converter Committee of the Industry Application Society of IEEE. (1974-79)

Vice Chairman of the Electric Vehicle Committee of the American Society of Automotive Engineers (1971-73)

Member of the Electrical and Electromechanical Working Groups of the US Interagency Power Group (1971-73)

#### **PATENTS AND PUBLICATIONS**

Awarded 24 United States Patents and Published 14 papers, in the fields of controlled slip variable frequency induction motor drive systems, electric cars, hybrid cars, elevators, switching voltage regulators, power converters.

#### **AWARDS AND ACHIEVEMENTS**

Development of variable speed AC motor drives, related closed loop speed and position control systems and their application to electric vehicles and building elevators. Elected for the grade of Fellow of the American Institute of Electrical and Electronics Engineers (IEEE) for pioneering work in these fields.

Development of electric and hybrid cars and investigation of their impact on pollution and electric power plants.

Recipient of the Best Paper Award by the IEEE Industry and Application Society from among papers published in their Transaction during the year 1973, "Energy Requirements for Electric Cars and Their Impact on Electric Power Generation and Distribution Systems".

Recipient of the United Technology Corporation Mead Award and Gold Medal for the best engineering achievement in 1982 among its divisions, "Otis Elevator Mid-Rise Variable Frequency Elevator System".

Development of an advanced electric drive for an experimental electric car (General Motor Electrovaair-1). A solid state controller converted its fixed battery voltage to a three phase AC supply of smoothly variable voltage and frequency feeding a 13,000 rpm, 130 lb. induction motor. It provided a smooth drive from zero to max. speed, thus eliminating the need for mechanical transmission. The electric car was field tested and its performance was comparable to a 1964 production Corvaair, except for the driving range, which was limited by the battery to 70 miles.



الدكتور عدنان شاكر

## Dr. Adnan Shakir

Mountain View, California

Date of Birth: April, 1921

Place of birth: Baghdad - Iraq

adnanshakir@sbcglobal.net



### EDUCATION

M.D.: Royal College of Medicine- Baghdad, Iraq  
Conjoint Board and Diploma in Child Health: Royal College of Physicians and Surgeons of Ireland- Dublin, Ireland  
M.S. Maternal and Child Health: Harvard University, School of Public Health- Boston, Massachusetts  
Diploma in Child Health: Vienna University, Post-Graduate Medical Academy- Vienna, Austria  
Fellow: Vienna Medical Academy- Vienna, Austria  
Course on Pediatrics: London University, Institute of Child Health- London, UK

### PROFESSIONAL EXPERIENCE

### MEDICINE

Physician- in Nassirya and Karbala main hospitals- Iraq  
Pediatician- Children Welfare Hospital- Baghdad, Iraq  
Director- Main Pediatric Medical Clinic- Karkh and Baghdad, Iraq  
Director- Main Children Teaching Hospital- Baghdad, Iraq  
Assistant Professor and Associate Professor- Pediatric and Child Health, Baghdad University Medical School- Iraq  
Lecturer- Maternal and child health, Queen Aliya Girls College- Baghdad University, Iraq  
Consultant- World Health Organization, Regional office of the Eastern Mediterranean- Alexandria, Egypt  
Fellow International College of Pediatrics- Switzerland  
Senior Research Fellow- Institute of Child Health- University of London, England  
Fellow- Royal Society of Tropical Medicine and Hygiene- London, England  
Editorial Board- J. Annals of Human Biology- London, England

### PUBLICATIONS

Published more than twenty-two scientific papers in international medical and scientific journals.

### AWARDS AND ACHIEVEMENTS

Designed an arm circumference measurement strip (The Shakir's strip). A simple field method widely used in many developing countries to identify, measure, classify, survey, and monitor protein calorie malnutrition in young children ages (1-5 years), especially useful when the exact ages of children is not known and weighing scales and skilled personnel are not available. The Institute of Education and the Institute of Child Health .London University and the Ministry of Overseas Development of the UK.

Developed a (Child to Child) program for the International year of the Child (1979) in which the use of Shakir's strip was recommended for assessing the nutritional status of young children by other older children.

### MESSAGE TO FUTURE GENERATIONS

Pursue learning from the Cradle to the Grave.

الدكتور احمد شاکر شلال

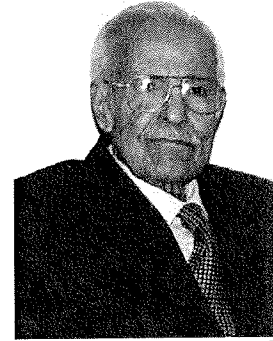
## Dr. Ahmed Shakir Shallal

Washington, D.C. Area

Date of Birth: February 1926

Place of Birth: Baghdad, Iraq

yshallal@cox.net



### EDUCATION

B.A. Arabic Literature: Obtained scholarship to study at Cairo University- Egypt 1947

M.A. Eastern Literature and Arts: Cairo University- Egypt 1950

Ph.D. Eastern Literature and Arts: Cairo University- Egypt (High Marks) 1955

### PROFESSIONAL EXPERIENCE

Lecturer- University of Baghdad, College of Arts 1950-1953

Director of Admin. and Secretary General at the Assembly of Higher Education, University of Baghdad 1950-1953

Professor- University of Baghdad, College of Arts 1955-1958

Acting Dean- University of Baghdad, College of Arts 1958

Cultural Attaché and Head of the Cultural Office in the Embassy of Iraq- Rabat, Morocco 1959-1962

Secretary-General- University of Baghdad 1963

Under Secretary- Iraqi Ministry of Information- Baghdad, Iraq 1964-1966

Director with the title of Ambassador, Arab League Information Center- Washington DC 1966-1968

### PUBLICATIONS

Doctoral thesis on the life, times and rubaiyat of Omar Khayyam. "Alkhayyam - Asroh Wa Robaiyyatoh";

Articles - Aqlam magazine

Weekly cultural lecturers on Iraqi Broadcast System

Wrote numerous articles in various Arabic publications

### ACHIEVEMENT

Member of the Delegation to the Islamic Conference at the University of Lahore, Lahore, Pakistan 1956

Graduated hundreds of students in the arabization process in Morocco 1959-1962

Head of Standing Committee for information in the Arab League 1964-1966

Head of Delegation to Russia (Baku) of Arab Writers and Authors 1966

Named in Who's Who in the Arab World

### PROFESSIONAL ASSOCIATIONS

Head of the Association of Iraqi Writers and Authors

Founder of the Baghdad Chess Club

Member of Union of Literary Scholars

### MESSAGE

Be truthful in your relationships and ethical in your pursuits

Utilize freedom to further and enhance the human condition

Benefit from the opportunity of available technology

Establish significant and motivating goals



الدكتور حميد تاج الدين

## Dr. Hameed H. Tajeldin

San Jose, California

Date of Birth: November, 1927

Place of Birth: BAGHDAD - IRAQ

htajeldin@gmail.com



### EDUCATION

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M.B., Ch.B. (M.D.) / Baghdad University

M.P.H. Public Health Administration, Tulane University, New Orleans, L.A., U.S.

Various Training Courses in the Legal aspects of U.S. Social Services, Business Administration, Real-Estate, International Relations, and Financial Analysis

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### PROFESSIONAL EXPERIENCE

### MEDICINE

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Medical Officer in the Iraqi Military Services

Private Medical Practice in Fallujah, Iraq

MINISTRY OF HEALTH , Baghdad, Iraq

Director General of The Health Services, and Director of Al-Shaab General Teaching Hospital

USAID Fellowship for Masters' Degree of Tropical Medicine & Public Health Administration

Baghdad Medical College, Baghdad University, Assistant Professor & Head of Department of Public Health

Administrator and Owner: Panorama Nursing Home, S. California

Saudi Ministry of Health, Riyadh, Saudi Arabia

Senior Consultant Medical Public Health Specialist

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### PROFESSIONAL ASSOCIATIONS

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Member of the Medical Commission of the International Rehabilitation Association.

Member of National and International Medical and Social Organizations & Institutions.

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### PUBLICATIONS

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Scientific Papers in national & international Medical Journals

Publishing Text-Books

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### MESSAGE TO FUTURE GENERATIONS

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I hope they work hard for our lovely, united Iraq and serve for humanity and have good faith in our almighty God.

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## الدكتور صاحب ذهب

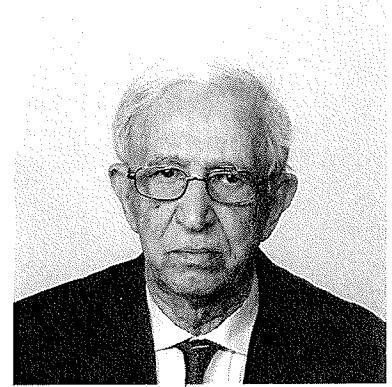
### Dr. Sahib Thahab

New York, New York

Bate of Birth: July 1st, 1927

Place of Birth: Najaf, Iraq

thahab@att.net



#### EDUCATION

B.A. Faculty of Law: Baghdad University- Iraq

Ph.D. Economics: Cairo University- Egypt (First Honors)

#### PROFESSIONAL EXPERIENCE

#### ECONOMIST

Economist- League of Arab States' Economics Department

Lecturer and Assistant Professor- Baghdad University, Iraq (Oil Economics, Economic Theory, Public Finance, and Arab World Economics)

Senior Advisor- Iraq National Oil Company (INOC)- Baghdad, Iraq

Director General- the Ministry of Oil- Baghdad, Iraq

Chairman- Board of Directors of Iraq's State Organization for Exports- Iraq

Senior Advisor- Chairman of the Arab Monetary Fund

Editor in Chief- "The Economist" magazine published by the Iraqi Economists Association in Baghdad

Assistant Secretary General- Federation of Arab Economists

Assistant Chief Editor- "Arab Economist" magazine

Founder and Managing Director- Victoria Acres, a real estate investment and management group

#### PUBLICATIONS

Published a wealth of articles on oil and economics in the Middle East, and two books ("Principles of Jurisprudence" and an edited and revised "Rubayat Al Khayam," both published by Dar Al Intishar. He has also supervised a large number of academic researches, and participated in many Arab and foreign Scientific, Economic and Education Conferences and symposia.

#### MESSAGE TO FUTURE GENERATIONS

Our lives have seen unprecedented growth, and the emergence of new global economic giants. The education our generation received, which made Iraq a regional center of professional excellence then, now seems ancient. Iraq has the natural and human resources to overcome the decades of isolation and neglect, but must take the steps needed to regain our prominence. Our primary and secondary schools must provide the foundation for the technical and professional skills needed to realize our full potential. With substantial investments in higher education now, our grandchildren, and their heirs, can make Iraq a successful world-class, dynamic and competitive economy. That means not only building more schools and universities here, but sending our best students overseas to acquire the skills they need, and forming partnerships or associations with top institutions in the USA and elsewhere that can help meet our needs. We need to act quickly just to catch up with our neighbors – but more important, we must act quickly **and intelligently** to overtake our rivals!



الدكتور حسين طعمة

## Dr. A. Hussain Tuma

Rockville, Maryland

Date of Birth: November 22, 1923

Place of Birth: Karbala, Iraq

Ah2ma@aol.com



### EDUCATION

B.A., (Honors) Baghdad, Iraq 1945

M.S., Clinical Psychology, University of California Berkeley, 1952 Ph D., University of Maryland, 1955

Additional graduate studies, Columbia University, University of Houston

Post-Doctoral experiences at the University of California, Los Angeles, CA 1955-56; 1961

### PROFESSIONAL EXPERIENCE

### PROFESSOR

Assistant Professor and Assistant Dean of Students, University of Baghdad, Baghdad, Iraq 1955-1960

Research Scientist, American Psychiatric Association, Washington, D.C. 1956-1958

Researcher /Co-Principal Investigator, Camarillo Hospital, California Department of Mental Hygiene, CA, 1959-65

Scientist-Administrator/ Chief, Clinical Research Branch National Institute of Mental Health, NIH 1965-1986

Professor of Psychology, University College, University of Maryland, MD 1966-1975

Chief, Science Policy, Planning and Evaluation Branch National Institute of Mental Health, NIH 1985-1986

Executive Director, (special consultant) NIMH Science Advisory Board 1986-1987

Professor of Psychiatry; Director of Post-Doctoral Research Training and Fellowship/Director of the Research

Committee; Department of Psychiatry, School of Medicine, University of Pittsburgh, Pittsburgh, PA 1986-2001

Director, NIMH Research Fellowship Program for Undergraduates Department of Psychiatry School of Medicine, University of Pittsburgh 1994-2000

Consultant to: World Health Organization in Geneva, WHO regional office in Alexandria and Cairo, Egypt;

Department of Psychiatry, University of Virginia; Office of Refugee Resettlement of the U.S.; Department of

Health and Human Services; Division of Mental Disorders, Behavioral Research and AIDs of NIMH; National

Institute on Drug Abuse; Substance Abuse and Mental Health Services Administration of the U.S. Department of

Health and Human Services on mental health programs in Iraq and Afghanistan (2004--

### PROFESSIONAL ASSOCIATIONS

AMERICAN PSYCHOLOGICAL ASSOCIATION; AMERICAN PSYCHOPATHOLOGICAL ASSOCIATION;

AMERICAN COLLEGE OF NEUROPSYCHOPHARMACOLOGY

### PUBLICATIONS

Published extensively in refereed scientific journals, authored book chapters, and edited books and journals on

anxiety and anxiety disorders, schizophrenia, substance abuse, the recruitment and training of mental health

research personnel in childhood and adolescence, and science policy planning issues in many of these areas.

Served as a Board Member or Reviewer for such professional journals as Archives of General Psychiatry,

Psychological Bulletin and the NIMH Bulletin on Schizophrenia. Organized, convened and participated in research

conferences and symposia, made presentations of research reports at national and international scientific meetings.

### AWARDS AND ACHIEVEMENTS

Numerous awards and recognition for meritorious performance and public service such as Full graduate school

scholarship; two NIMH/DHHS awards for meritorious achievement: "outstanding leadership and creative approach

in applying scientific and administrative expertise"; Awards of research funds for designing, directing and

implementing controlled studies in schizophrenia, substance abuse and for training undergraduates in research in

mental health from NIMH and WHO.

### MESSAGE TO FUTURE GENERATIONS

The pursuit of knowledge in the service of humanity is one of the most noble and rewarding goals that transcends

national boundaries and enhances the quality of life for the individual, the family, the nation and the human

community.

## الدكتور صالح الوكيل

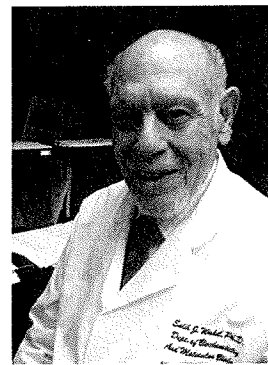
### Dr. Salih Wakil

Houston, Texas

Date Of Birth: August 1927

Place Of Birth: Karbala-Iraq (Hilla-Iraq)

Swakil@Bcm.Edu



#### EDUCATION

B.S., Chemistry, American University of Beirut in Lebanon (1948)

Ph. D., Biochemistry, University of Washington, Seattle, WA (1952)

#### PROFESSIONAL EXPERIENCE

Assistant Professor, Institute for Enzyme Research, University of Wisconsin, Madison, WI (1952-59)

Professor of Biochemistry, Duke University, Durham, NC (1959-71)

Professor and Chairman, Baylor College of Medicine, Verna & Marrs McLean Department of Biochemistry and Molecular Biology (1971-07)

Distinguished Service Professor, Chairman Emeritus, Baylor College of Medicine, Verna & Marrs Department of Biochemistry and Molecular Biology (2007-present)

#### MEDICINE

#### AWARDS AND ACHIEVEMENTS

##### Awards

Paul Lewis Award from the American Chemical Society (1967)

Distinguished Duke Alumnus Award (1973)

Chilton Award, University of Texas Southwestern Medical Center, Dallas (1985)

Kuwait Prize from the Kuwait Foundation for the Advancement of Sciences (1988)

Elected to American Academy of Sciences (1990)

Supelco/American Oil Chemists' Society Research Award (1993)

Innovator of Biochemistry Award from the Virginia Commonwealth University (1997)

Michael E. DeBakey, M.D., Excellence in Research Award, Baylor College of Medicine (2001)

Yamanouchi USA Foundation Award (2001)

Bristol-Meyers Squibb Metabolic Research Award (2005)

##### Achievements

1. Discovered the pathway of synthesis of long chain fatty acids, which are the main components of fat.
2. Identified malonyl-coA as an intermediate in fatty acid synthesis.
3. Uncovered the role of vitamin H (biotin) in fatty acid synthesis.
4. Discovered the role of acyl carrier protein (ACP) as the co-enzyme, and identified the enzymes involved in fatty acid synthesis in bacteria.
5. Introduced the concept of multifunctional enzymes in biochemistry and delineated the structure and mechanism of animal fatty acid synthase.
6. Uncovered the presence of two acetyl-coA carboxylases, ACC1 and ACC2, and their locations.
7. Found that ACC2 knockout mice show increased fatty acid oxidation, eat more food, weigh less than their wild type cohorts, breed well, and when fed a high fat, high carbohydrate diet, do not become obese or type 2 diabetics.

#### MESSAGE TO FUTURE GENERATIONS

Science education is an important foundation in order for the country to survive and progress in the new millennium. It is the nucleus for creativity, rationality, openness and balance. It is the basis of which the survival of national issues such as health, agriculture, and natural resources depend. Through science you are forced to comprehend yesterday, today, and tomorrow.