

## **Curriculum vitae**

**Name :** Saleh Abdulaziz Mohammed Alfarraj

**Present position :** Professor

**Nationality :** Saudi

**P.O.B. :** 13.9.1969. Zulfi

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### **Scientific history :**

- 1- Bachelor in zoology in 1993 - College of Science - King saud University.
- 2- Master in Zoology (Environment and Pollution) in 1998. - College of Science - King saud University.
- 3- PhD in (Environment and Pollution) in 2006. - College of Science - King Saud University

### **Job history :**

- 1- Demonstrator in Teachers College – From 1993 To 1998.
- 2- Lecturer in Teachers College – From 1998 To 2006.
- 3- Assistant professor in Teachers College – From 8-2006 till 8-2010.
- 4- Associate professor in Teachers College – From 6/2010 till 6/2012.
- 5- Associate professor in College of Science – Zoology Department From 6/2012 till Now

## **Publications:**

- 1- Chen, X., Song, W., AL-Rasheid, K. A. S., Warren, A., Long, H., Shao, C., **Al-Farraj, S. A.**, Gong, J. and Hu, X. (2007). The morphology of three marine heterotrichous ciliates, *Condylostentor auriculatus* (Kahl, 1932) Jankowski, 1978, *Condylostoma minutum* Bullington, 1940 and *C. spatiosum* Ozaki & Yagiu in Yagiu, 1944 (Ciliophora: Heterotrichida). *Acta Protozoologica*. POLAND. **46**: 289-309.
- 2- Al-Farraj, S. (2008). Light and Electron Microscopic Study on a Haemogregarine species Infecting the Viper *Cerastes cerastes gasperitti* from Saudi Arabia. *Pakistan Journal of Biological Sciences.*, 11: 1414-1421.
- 3- Al-Farraj, S. (2008). Ecological and Taxonomic studied on the interstitial ciliates on the Red Sea Coast at Obhur, Kingdom of Saudi Arabia. *Egypt. J. Zool.*, 51: 73 -83.
- 4- Al-Farraj, S. and Al-Nasr, I (2008). Light and Electron Microscopy of Macrogametogenesis and Oocyst Formation in *Eimeria bateri* infecting quails from Saudi Arabia. *Saudi Arabia. J. king saud Univ., Sciences* (2)., 20: 63-72.
- 5- Long, H., Song, W., AL-Rasheid, K. A. S., Wang, Y., Yi, Z., Al-Quraishy, S. A., Lin, X. and Al-Farraj, S. A. (2008). Taxonomic studies on three marine species of *Frontonia* from northern China: *F. didieri* n. sp., *F. multinucleata* n. sp. and *F. tchibisovae* Burkovsky, 1970 (Ciliophora: Peniculida). *Zootaxa*. NEW ZEALAND. 1687: 35-50.
- 6- Yi, Z., Song, W., Warren, A., McL. Roberts, D., AL-Rasheid, K. A. S., Chen, Z., Al-Farraj, S. A. and Hu, X. (2008) A molecular phylogenetic investigation of *Pseudoamphisiella* and *Parabirojimia* (Protozoa, Ciliophora, Spirotrichea), two genera with ambiguous systematic positions. *European Journal of*

Protistology. GERMANY. 44: 45-53.

- 6- Wang, Y., Hu, X., Long, H., AL-Rasheid, K. A. S., Al-Farraj, S. A. and Song, W. (2008). Morphological studies indicate that *Pleuronema grolierei* nov. spec. and *P. coronatum* Kent, 1881 represent 7-different sections of the genus *Pleuronema* (Ciliophora: S8-cuticociliatida). European Journal of Protistology. GERMANY. 44: 131-140.
- 7- Li, L., Hu, X., Warren, A., AL-Rasheid, K. A. S., Al-Farraj, S. A., Shao, C., and Song, W. (2008). Divisional morphogenesis in the marine ciliate *Anteholosticha manca* (Kahl, 1932) Berger, 2003 (Ciliophora: Urostylida). Acta Oceanologica Sinica. CHINA. 27: 157-163.
- 8- Abdel Ghaffar F. , Ali, M. A. , Al Quraishy S., AL-Rasheid K., Al Farraj S., Abdel-Baki A. S. & Bashtar A-R. (2008). Four new species of *Ceratomyxa* Thelohan 1892 (Myxozoa: Myxosporea: Ceratomyxidae) infecting the gallbladder of some Red Sea fishes. Parasitology Research. GERMANY. 103: 559–565.
- 9- Li, L., Shao, C., Yi, Z., Song, W., Warren, A., AL-Rasheid, K. A. S., Al-Farraj, S. A., Al-Quraishy, S. A., Zhang, Q., Hu, X., Zhu, M. and Ma, H. (2008). Redescriptions and SSrRNA gene sequence analyses of two marine species of *Aspidisca* (Ciliophora, Euplotida), with notes on the morphogenesis in *A. orthopogon*. Acta Protozoologica. POLAND. 47: 83-94.
- 10- Shao, C., Maio, M., Song, W., Warren, A., AL-Rasheid, K. A. S., Al-Quraishy, S. A. and Al-Farraj, S. A. (2008). Studies on two marine *Metaurostylopsis* spp. from China with notes on the morphogenesis of *M. sinica* nov. spec. (Ciliophora, Urostylida). Acta Protozoologica. POLAND. 47: 95–112.

- 11- Chen, X., Song, W., Warren, A., AL-Rasheid, K. A. S., Al-Farraj, S. A., Al-Quraishy, S. A. and Gong, J. (2008). Redefinition of two marine Suctorian Ciliates, *Ephelota gemmipara* (Hertwig, 1876) Bütschli, 1889 and *E. crustaceorum* Haller, 1880 (Ciliophora, Suctoria), with a brief description of the asexual reproduction process in *E. gemmipara*. *Acta Protozoologica. POLAND*. 47: 113–124
- 12- Shao, C., Song, W. AL-Rasheid, K. A. S., Yi, Z., Chen, X., Al-Farraj, S. A. and Al-Quraishy, S. A. (2008). Morphology and infraciliature of two new marine Urostylid Ciliates: *Metaurostylopsis struederkypkeae* n. sp. and *Thigmokeronopsis stoecki* n. sp. (Ciliophora, Hypotrichida) from China. *Journal of Eukaryotic Microbiology. USA*. 55: 289-296.
- 13- Guo, W., Song, W., AL-Rasheid, K. A. S., Shao, C., Maio, M., Al-Farraj, S. A., Al-Quraishy, S. A., Chen, Z., Yi, Z. and Gao, S. (2008). Phylogenetic position of three *Condylostoma* species (Protozoa, Ciliophora, Heterotrichea) inferred from the small subunit rRNA gene sequence. *Progress in Natural Science. NETHERLANDS*. 18: 1089–1093.
- 14- Shao, C., Song, W., Li, L., Warren, A., AL-Rasheid, K. A. S., Al-Quraishy, S. A., Al-Farraj, S. A. and Lin, X. (2008). Systematic position of *Discocephalus*-like ciliates (Ciliophora: Spirotrichea) inferred from SSU rDNA and ontogenetic information. *International Journal of Systematic and Evolutionary Microbiology. UK*. 58: 2962-2972.
- 15- Lin, X., AL-Rasheid, K. A. S., Al-Quraishy, S. A., Al-Farraj, S. A. and

Song, W. (2008). Identification of three highly confused marine *Loxophyllum* (Ciliophora: Pleurostomatida) with a key to seven congeners from China Seas. *Journal of Eukaryotic Microbiology*. USA. 55: 331-342.

- 16- Xu, H., Song, W., Warren, A., AL-Rasheid, K. A. S., Al-Farraj, S. A., Gong, J. and Hu, X. (2008). Planktonic protist communities in a semi-enclosed mariculture pond: structural variation and correlation with environmental conditions. *Journal of the Marine Biological Association of the United Kingdom*. UK. 88: 1353–1362.
- 17- Li, L., Song, W., Warren, A., AL-Rasheid, K. A. S., Roberts, D., Yi, Z., Al-Farraj, S. A., and Hu, X. (2008). Morphology and morphogenesis of a new marine ciliate, *Apokeronopsis bergeri* nov. spec. (Ciliophora, Hypotrichida), from the Yellow Sea, China. *European Journal of Protistology*. GERMANY. 44: 208-219.
- 18- Chen, X., Miao, M., Song, W., Warren, A., AL-Rasheid, K. A. S., Al-Farraj, S. A. and Al-Quraishy, S. A. (2008). Redescriptions of two poorly known marine Suctorian Ciliates, *Ephelota truncata* Fraipont, 1878 and *Ephelota mammillata* Dons, 1918 (Protozoa, Ciliophora, Suctoria), from Qingdao, China. *Acta Protozoologica*. POLAND. 47: 247-256.
- 19- Wang, Y., Song, W., Warren, A., AL-Rasheid, K. A. S., Al-Quraishy, S. A., Al-Farraj, S. A., Hu, X. and Pan, H. (2009). Descriptions of two new marine scuticociliates, *Pleuronema sinica* n. sp. and *P. wilberti* n. sp. (Ciliophora: Scuticociliatida), from the Yellow Sea, China. *European Journal of Protistology*. GERMANY. 45: 29-37.

- 21- Huang J., Yi Z., Al-Farraj S. A. & Song W. (2010). Phylogenetic positions and taxonomic assignments of the systematically controversial genera, *Spirotrachelostyla*, *Uroleptopsis*, and *Tunicothrix* (Protozoa, Ciliophora, Hypotricha) based on small subunit rRNA gene sequences. *Syst. Biodiv.* 8: 409-416.
- 22- Pan H., Gao F., Li J., Lin X., Al-Farraj S. A. & Al-Rasehid K.A.S. (2010) Morphology and phylogeny of two new pleurostomatid ciliates, *Epiphyllum shenzhenense* n. sp. and *Loxophyllum spirellum* n. sp. (Protozoa, Ciliophora) from a mangrove wetland, south China. *J. Eukaryot. Microbiol.* 57: 421-428.
- 23- Alyahya, H., El-Gendy, A., Al Farraj, S. & El-Hedeny, M. (2011). Evaluation of Heavy Metal Pollution in the Arabian Gulf Using the Clam *Meretrix meretrix* Linnaeus, 1758. *Water Air and Soil Pollution* (2011) 214:499–507
- 24- Xiaoyan Hu, Xiaozhong Hu, Khaled A. S. Al-Rasheid, Saleh A. Al-Farraj and Weibo Song. (2011). Insights into the phylogeny of sporadotrichid ciliates (Protozoa, Ciliophora: Hypotricha) based on genealogical analyses of multiple molecular markers. *Chinese Journal of Oceanology and Limnology*. Volume 29, Number 1, 96-102
- 25- Al Farraj, S. (2011): First Record of Five Soil Ciliates (Ciliophora, Hypotricha) from Saudi Arabia, *Research Journal of Biological Sciences* 6 (10): 558-563.
- 26- Al-Farraj, S., El-Gendy, A., Al Kahtani, S. and El-Hedeny, M. (2011). Heavy Metals Accumulation in the Barnacle *Amphibalanus amphitrite* from Alexandria, Mediterranean Sea. *Research Journal of Environmental Sciences*, 5(11):806-816.

- 27- Al Farraj, S., El-Gendy, A. H., Alyahya, H., & El-Hedeny, M. M.(2011): Heavy metals accumulation in the mantle of the common cuttlefish *Sepia pharaonis* from the Arabian Gulf". Australian Journal of Basic and Applied Sciences, 5: 897-905.
- 28- Hu, X., Hu, X., AL-Rasheid, K. A. S., Al-Farraj, S.A. and Song, W. (2011). Insights into the phylogeny of sporadotrichid ciliates (Protozoa, Ciliophora: Hypotricha) based on genealogical analyses of multiple molecular markers. Chinese Journal of Oceanology and Limnology. CHINA. 29: 96-102.
- 29- Zhang, Q., Miao, M., Strüder-Kypke, M. C., AL-Rasheid, K. A. S., Al-Farraj, S. A. and Song, W. (2011). Molecular evolution of *Cinetochilum* and *Sathrophilus* (Protozoa, Ciliophora, Oligohymenophorea), two genera of ciliates with morphological affinities to scuticociliates. Zoologica Scripta. NORWAY. 40: 317-325.
- 30- Xu, Y., Huang, J., Warren, A., AL-Rasheid, K. A. S., Al-Farraj, S. A. and Song, W. (2011). Morphological and molecular information of a new species of *Geleia* (Ciliophora, Karyorelictea), with redescrptions of two *Kentrophoros* species from China. European Journal of Protistology. GERMANY. 47: 172-185.
- 31- Pan, H., Hu, X., Gong, J., Lin, X., AL-Rasheid, K. A. S., Al-Farraj, S. A. and Warren, A. (2011). Morphological redescrptions of four marine ciliates (Ciliophora: Cyrtophorida: Dysteriidae) from Qingdao, China. European Journal of Protistology. GERMANY. 47: 197-207.
- 32- Chen, X., Gong, J., AL-Rasheid, K. A. S., Al-Farraj, S. A. and Song, W. (2011). New contribution to the morphological taxonomy of three marine Cyrtophorid ciliates from the Yellow Sea, China

(Ciliophora: Cyrtophorida). Acta Protozoologica. POLAND. 50: 105–119.

- 33- Xu, H., Jiang, Y., AL-Rasheid, K. A. S., Al-Farraj, S. A. and Song, W. (2011). Application of an indicator based on taxonomic relatedness of ciliated protozoan assemblages for marine environmental assessment. Environmental Science and Pollution Research. GERMANY. 18: 1213–1221.
- 34- Liu, W., Yi, Z., Warren, A., AL-Rasheid, K. A. S., Al-Farraj, S. A., Lin, X. and Song, W. (2011). Taxonomy, morphology and molecular systematics of a new oligotrich ciliate, *Williophrya maedai* gen. nov., sp. nov., with redescrptions of *Strombidium basimorphum* and *Pseudotontonia simplicidens* (Protozoa, Ciliophora, Oligotrichia). Systematics and Biodiversity. UK. 9: 247–258.
- 35- Saad Alkahtani, AL-Farraj S. A., Saud A. Alarifi, AL-Eissa Mohammed saad and Al-Dahmash B. (2011). Cytokine genes expression in mice hepatocytes during malaria infection. African Journal of Microbiology Research 5(16): 2311-2315.
- 36- Al-Eissa Mohammed Saad, Alhamidi A. R , Mohamed Abd El Kader Sandouka, Ibraheem A.S, Hamad Al-Yahya, AL-Farraj, S, Saad Alkahtani and Al-Dahmash B. (2011). Scrotal, Testicular and Semen Characteristics of The Mountain Gazelle Males (*Gazella gazella* ). African Journal of Microbiology Research 5(28): 5137-5141.
- 37- Al-Dahmash B. , Saad Alkahtani, AL-Farraj S. A., Saud A. Alarifi, AL-Eissa Mohammed saad, Hamad Al-Yahya2, Marie,M.A. (2011). Histopathological types of colonic adenomas incidence of dysplastic changes in Riyadh , Saudi Arabia. Journal of



- 38- Fan, X., Lin, X., AL-Rasheid, K. A. S., Al-Farraj, S.A., Warren, A. and Song, W. (2011). The diversity of Scuticociliates (Protozoa, Ciliophora): a report on eight marine forms found in coastal waters of China, with a description of one new species. *Acta Protozoologica. POLAND.* 50: 219–234.
- 39- Pan, X., Shao, C., Ma, H., Fan, X., AL-Rasheid, K. A. S., Al-Farraj, S.A. and Hu, X. (2011). Redescriptions of two marine Scuticociliates from China, with notes on stomatogenesis in *Paraureonema longum* (Ciliophora, Scuticociliatida). *Acta Protozoologica. POLAND.* 50: 301–310.
- 40- AL-Eissa M. S., Saad Alkahtani, Al-Farraj S. A., Saud A. Alarifi, Al-Dahmash B. and Hamad Al-Yahya. (2012).. Seasonal variation effects on the composition of blood in Nubian ibex (*Capra nubiana*) in Saudi Arabia. *African Journal of Biotechnology* 11(5): 1283-1286.
- 41- Saud Alarifi, Amin Al-Doaiss, Saad Alkahtani, S.A. Al-Farraj, Mohammed Saad Al-Eissa, B. Al-Dahmash, Hamad Al-Yahya, Mohammed Mubarak. (2012). Blood chemical changes and renal histological alterations induced by gentamicin in rat. *Saudi Journal of Biological sciences: Saudi Journal of Biological Sciences*, 19 (1) : 103-110.
- 42- Al-Farraj, S., El-Gendy, A., Al Kahtani, S. and El-Hedeny, M. (2012). The Impact of Sewage Pollution on Polychaetes of Al Khumrah, South of Jeddah, Saudi Arabia. *Research Journal of Environmental Sciences.* 6(2): 77- 87.
- 43- Al Farraj, S. (2012): Effects of multiple-source pollution on spatial

distribution of polychaetes in Saudi Arabia. Research Journal of Environmental Toxicology, 6 ( 1 ): 1-12.

- 44- El-Gendy, A., Al-Farraj, S., Al Kahtani, S. and El-Hedeny, M. (2012). Organochlorine residues in cuttlefish from the Arabian Gulf. International Journal of Academic Research, 4(1): 150-157.
- 45- El-Gendy, A., Al-Farraj, S., Al Kahtani, S. and El-Hedeny, M. (2012). The Influence of Marine Pollution on Distribution and Abundance of Polychaetes. Current Research Journal of Biological Sciences, 4(1): 40-47.
- 46- Chen, X., Hu, X., Gong, J., AL-Rasheid, K. A. S., Al-Farraj, S. A. and W. Song. (2012). Morphology and infraciliature of two new marine ciliates, *Paracyrtophoron tropicum* nov. gen., nov. spec. and *Aegyria rostellum* nov. spec. (Ciliophora, Cyrtophorida), isolated from tropical waters in southern China. European Journal of Protistology. GERMANY. 48: 63–72.
- 47- Jiang Y, Yang J, Al-Farraj SA, Warren A, Lin X. ( 2012 ). Redescriptions of three tintinnid ciliates, *Tintinnopsis tocanthinensis*, *T. radix*, and *T. cylindrica* (Ciliophora, Spirotrichea), from coastal waters off China. European Journal of Protistology. GERMANY. 48(4):314-25.
- 48- Gao F., Strüder-Kypke M., Yi Z., Miao M., Al-Farraj S. A. & Song W. (2012) Phylogenetic analysis and taxonomic distinction of six genera of pathogenic scuticociliates (Protozoa, Ciliophora) inferred from small-subunit rRNA gene sequences. Inter. J. Syst. Evol. Microbiol. 62: 246-256.
- 49- Shao, C., Ding, Y., AL-Rasheid, K. A. S., Al-Farraj, S. A., Warren, A.,

Song, W. (2013). Establishment of a new hypotrichous genus, *Heterotachysoma* n. gen. and notes on the morphogenesis of *Hemigastrostyla enigmatica* (Ciliophora, Hypotrichia) *European Journal of Protistology* 49 : 93–105.

- 50- Jiang, J., Huang, J., Li, L., Shao, C., Al-Rasheid, K. A. S., Al-Farraj, S. A., Chen, Z., (2013). Morphology, ontogeny, and molecular phylogeny of two novel bakuellid-like hypotrichs (Ciliophora: Hypotrichia), with establishment of two new genera. *European Journal of Protistology* 49: 78–92.
- 51- El-Serehy , H. A., Al-Rasheid , K. A., Al-Quraishi ,S., Al-Misned, F. & Al-Farraj, S.A. (2013): Abundance and trophodynamics of surface microbial loop populations in the northern Red Sea, *Aquatic Ecosystem Health & Management*, 16:1, 51-61.
- 52- Chen, Z., Zhao, Y., Al-Farraj, S.A., Al-Quraishi ,S., El-Serehy , H. A., Shao, C., Al-Rasheid , K. A. (2013). Taxonomic Descriptions of Two Marine Ciliates, *Euplotes dammamensis* n. sp. and *Euplotes balteatus* (Dujardin, 1841) Kahl, 1932 (Ciliophora, Spirotrichea, Euplotida), Collected from the Arabian Gulf, Saudi Arabia . *Acta Protozool.* 52: 73–89.
- 53- Jiang, J., Huang, J., Li, J., Al-Rasheid, K. A. S., Al-Farraj, S. A., Lin, X., Hu, X., (2013). Morphology of two marine euplotids (Ciliophora: Euplotida), *Aspidisca fusca* Kahl, 1928 and *A. hexeris* Quennerstedt, 1869, with notes on their small subunit rRNA gene sequences. *European Journal of Protistology* 49: 634–643.
- 54- Al Farraj, S. (2014). Use of benthic polychaetes to assess

anthropogenic impacts in the southern Saudi Arabian Red Sea Coast. *Asia Life Sciences* 23(1): 297-311.

- 55- Fan, X., Al-Farraj, S. A., Gao, F., Gu, F., (2014). Morphological reports on two species of *Dexiotricha* (Ciliophora, Scuticociliatia), with a note on the phylogenetic position of the genus . *International Journal of Systematic and Evolutionary Microbiology* , 64, 680–688.
- 56- Fan Y, Chen X, Hu X, Shao C, Al-Rasheid KA, Al-Farraj SA, Lin X. (2014). Morphology and morphogenesis of *Apoholosticha sinica* n. g., n. sp. (Ciliophora, Hypotrichia), with consideration of its systematic position among urostyleids.. *Journal of Protistology*, 50(1):78-88.
- 57- Kruse J., Gao P., Honsel A., Kreuzwieser J., Burzlaff T., Alfarraj S., Hedrich R., Rennenberg H.(2014) Strategy of nitrogen acquisition and utilization by carnivorous *Dionaea muscipula*. *Oecologia* 174:839–851.
- 58- Kreuzwieser J, Scheerer U, Kruse J, Burzlaff T, Honsel A, Alfarraj S, Georgiev P, Schnitzler JP, Ghirardo A, Kreuzer I, Hedrich R, Rennenberg H.(2014) The Venus flytrap attracts insects by the release of volatile organic compounds. *Journal of Experimental Botany*, Vol. 65, No. 2, 755–766.
- 59- Zhang X, Yang L, Wang Y, Ni B, Al-Farraj S, Fan X, Gu F (2014) Observations on the ultrastructure of extrusomes in the hypotrichous ciliate *Architricha indica* (Protist, Ciliophora), *Animal Cells and Systems*, 18:2, 83-92.
- 60- Xiaocui Zhang, Linying Yang, Yiwen Wang, Bing Ni, Saleh A. Al-Farraj,

Xinpeng Fan & Fukang Gu. (2014). Observations on the ultrastructure of extrusomes in the hypotrichous ciliate *Architricha indica* (Protist, Ciliophora). *Anim Cells Syst.* 18(2) : 83-92

- 61- Chen Xu., Chen Xi., Gao F., Al-Farraj S., Al-Rasheid K.A. (2015) Morphology and molecular phylogeny of three marine *Condylostoma* species from China, including two new ones (Ciliophora, Heterotrichea). *European Journal of Protistology* 51, 66–78.

**Administrative assignments:**

- 1- Director of the Training and Community service Center in the Teachers College from 23/09/1432 till now
- 2- Head of the Department of Computer Science, from 2nd semester , 1430/1431 Till 23/09/1432.
- 3- Supervisor of the Department of Biology, 1st semester, 1429/1430 A.H.

**Scholarships and awards:**

- University Award for Excellence research, 1430- 1431 A.H.

**Conferences:**

- 1- Attended "the 16th International Conference of German-Egyptian Assembly of Zoology" that was held in Ismailia, Egypt and organized by Suez Canal University, from March 5-9, 2006.
- 2- Attended "the 17th International Conference of German-Egyptian assembly of Zoology" that was held in Dresden, Germany, and organized by University of Technology, from 25-31 \ 8 \ 2007
- 3- Attended "the Fourth International Conference of the Development of Environmental Society of Agricultural Sciences" that was held in Riyadh, KSA and organized by King Saud University, from March 18-20, 2008.
- 4- Attended "the Fifth International Conference of the General Egyptian Academic Environment for the development of "future prospects for environmental development in the Arab nation and confront the challenges" that was held in Cairo and organized by Ain Shams University, from April 13-16 2008
- 5- Attended "The First Arab International Conference & Exhibition on Environmental Legislation" that was held in Riyadh, KSA and organized by United Environment, from July 5-7, 2008.
- 6- Attended (with an article) the Fourth International Conference of the German Association of the Arab Environment" that was held in Morocco and organized by the Faculty of Science and Technology, University of Mohammed V, from October 7-8, 2008.
- 7- Attended "10th International Congress of Ecology" that was held in Brisbane, Australia and organized by Ecological Society of Australia in partnership with the New Zealand Ecological Society, from August 16 -21, 2009
- 8- Attended " II INTERNATIONAL CONGRESS ON BIODIVERSITY OF THE GUIANA SHIELD" that was held The Campus of Amapa State University, UEA, Macapa State, Brazil and organized by Amapa State University, from August 1-4, 2010.
- 9- Attended " the 1st Asian Congress of Protistology (ACOP) and the 8th Asian Conference of Ciliate Biology to be held in the picturesque Jeju Island, Jeju National University, Korea from October 3 to October 6, 2011.
- 10- Attended " the Third Annual Asian Conference on Sustainability, Energy and the Environment, to be held from June 6-9 2013, at the Ramada Osaka, Osaka, Japan. and organized by The International Academic Forum in conjunction with its global partners.
- 11- Attended " the Forth International EcoSummit 2012 - Ecological Sustainability Restoring the Planet's Ecosystem Services , to be held from 30 September – 5 October, 2012, at the Greater Columbus Convention Center. and organized by Ohio State university.

12- Attended " The Fourth International Conference on Science in Society , organized by Common Ground Publishing to be held from 15-17 November, 2012 , at the University of California, Berkeley, USA.

13- Attended " the Keystone Symposia Global Health Series Malaria (A8) to be held in JW Marriott New Orleans, New Orleans, Louisiana, USA from January 20—25, 2013.

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**Symposia and workshops:**

- 1- Participated in the first workshop of "Center of Excellence for Biodiversity", that was held at King Saud University during 12 – 15 \ 1 \ 2008.
- 2- Participated in the first workshop of the Program Chair, Prince Sultan bin Abdulaziz, Environment and Wildlife entitled "Between wildlife conservation and development" that was held at King Saud University, 12 – 14 \ 5 \ 2008.
- 3- Participated in the fourth workshop entitled "King Saud University towards the world research and scientific publishing outstanding) that was held at King Saud University 17 \ 1 \ 2010.
- 4- Participated in the fifth workshop entitled "Global international team works for excellence in Research", that were held at King Saud University 24 \ 1 \ 2010.
- 5- Participated in the International Research Groups : Frontiers in Life Science (4)" How to Survive Hot and Dry Environments Workshop ", that was held at King Saud University On Monday April 22<sup>nd</sup>, 2013.
- 6- Participated in the first workshop of " the International Pigment Cell and Development Workshop ", that was held at University of Edinburgh during 6 – 8 \ 5 \ 2013.
- 7- .

**Committees:**

- 1- Member of the self-study (the Scientific Research Committee and community service) at Teachers College for the academic year 1430/1431 AH and until 2012.
- 2- Member of the procurement Committee in Teachers College for the academic year 1430/1431 AH to 11/15/1433 AH.
- 3- Member of the Committee to develop study plans at Teachers College for the academic year 1430/1431 AH to 11/15/1433 AH.
- 4- member of the committee preparing the system quality (SO 9001: 2008) Faculty of teachers for the academic year 1430/1431 AH until 11/15/1433 H
- 5- Member Research Center at Teachers College for the academic year 1431/1432 AH to 11/15/1433 AH.
- 6- Chairman of the Commission of requirement and procurement in the Biology Department, 2005- 2007
- 7- Chairman of the Committees for personal interviews, Department of Computer, 2006
- 8- A member in a committee of Students affairs, Teacher's College, King Saud University, 2006-2007
- 9- A Member of the diplomat in the Training and Community Service Center, Teacher's College, 2006- 2007
- 10- A member in a committee of Student fund of the Teacher's College, King Saud University for the academic year, 2006 – 2007.
- 11- A member in a Procurement Committee of Teacher's College, King Saud University, 2006- 2207.
- 12- A Member of the image centers and private lessons in the deputy university of educational and academic affairs, 2006- 2007.

**Councils:**

- 1- A member of the Science Department Council since 2006, till 2012.
- 2- A member of the College Council in 2006- 2008 .
- 3- A member of the College Council in 2009- till 2012
- 4- A member of the Zoology Department since 2012 till Now.

**University and community service:**

- 1- Academic supervisor on computer courses that were held at the Training and Community Service Center, Teacher's College, 2006-2007.
- 2- Participated in workshops for students, that held to develop the strategic plan of King Saud University.
- 3- Participated in workshops for staff members that held to develop the strategic plan of King Saud University.
- 4- Participated in workshops for alumni that held to develop the strategic plan of King Saud University.
- 5- Hold some general lectures in the Teacher's College, King Saud University.