

Curriculum Vitae

Ahmed Saud Alsaqufi, Ph.D.

Office: 1087 Dept. of Animal and fish production, College of Agriculture and Food Sci,

King Faisal University, B.O.Box 1489 Alahsa 31983.

Kingdom of Saudi Arabia

Office: (+966) 135-895906 aalsaqufi@kfu.edu.sa

Cell phone: (055)005-5823



EDUCATION:

Ph.D. Genetics (Fish Genetics & Aquaculture), (May, 2015) Auburn University, AL 36830.

Dissertation Title: **Approaches to Improve Production and Performance of Channel Catfish**

(*Ictalurus punctatus*) Female x Blue Catfish (*I. furcatus*) Male Hybrid Catfish.

Dissertation Committee Chair: Dr. Rex Dunham

M. Sc. Fish Genetics, (November, 2011), College of Science Kentucky State University, Frankfort, KY 40601.

Thesis: **Application of microsatellite DNA markers in studies on induced gynogenesis in ornamental (koi) carp (*Cyprinus carpio* L.).**

Thesis Advisor: Dr. Boris Gomelsky

B. Sc. Aquaculture Wealth, (2005) King Faisal University,
Advisor: Dr. Mohammad Alowafeir.

RESEARCH INTERESTS:

- Genetics
- Fish Genetics and enhancement programs
- Aquaculture
- Fish spawning
- Breeding techniques

LANGUAGES:

- Arabic
- Fluent English

PROFESSIONAL EXPERIENCE:

Assistant Professor, January 2016 present

Dept. of Animal and fish production, College of Agriculture and Food Sci,
King Faisal University

Courses Taught: 0153312 – Fish Genetics
0153414 – Aquaculture Spawning
0153303 – Introduction to Fish productions

Lecturer, 2011- 2016

Course Taught: 0153312 – Fish Genetics

Administrator, Academic Year 2005- 2006

Dept. of Aquaculture Wealth, College of Agriculture and Food Sci,
King Faisal University

Courses Taught: Most of the Department Courses

ADMINISTRATIVE TASKS AND EXPERIENCES

- Director of Avian Research Center 12/ 7/1438 H – present.
- Director of Fisheries Resources Research Center 1/6/1438 H - present.
- Administrator of the public relation and media office in the college 2015 – present.
- Founder and Supervisor of the wet lab in the college of Agriculture and food sciences 2015 – present.

PROFESSIONAL MEMBERSHIPS:

- Member of the Commission College Graduate Studies 2006.
- Member of the Committee secretarial palm Seminar 2006.
- Member of the Committee on Development and Quality Assurance 2015- 2016.
- Member of the Commission of Academic Affairs in the college 2015 - present.

- Member of the Commission study plan 19/5/1438 H- present.
- President of the Organizing Committee of the college activities closing ceremony 02/2016 – 04/2016.
- Member of the committee for preparing the agricultural exhibition in 2016.
- Member of the Committee for preparing and supervision of the program of the closing ceremony of the activities at the College of Agriculture and Food Sciences.

HONORS AND AWARDS:

- B. Sc. Honours 2004 / 2005, College of Agriculture and Food Sci, King Faisal University.
- Outstanding Graduate Student Award 2013, Dept. of Fisheries and Allied Aquaculture, Auburn University.
- Best Fish Culturist 2013, given by Dr. Dunham's lab, Auburn University.
- Hardest Working Graduate Student 2013, given by Dr. Dunham's lab, Auburn University.
- Presidency of the Office of Public Relations and Media Award 2016, College of Agriculture and Food Sci, King Faisal University.

PUBLICATIONS & PRESENTATIONS:

Inheritance of long fins in Ornamental Koi; North American; Journal of Aquaculture 2011. Boris Gomelsky; Kyle Schneider; Ahmed Alsaqufi

Verification of mitotic gynogenesis Using microsatellite DNA marker; Aquaculture Research 2012. Ahmed Alsaqufi; Boris Gomelsky; Kyle Schneider

Application of Morphological and Microsatellite DNA Genetic Marker in induced triploid And gynogenesis Koi: Auburn University Aquaculture conference 2012. Boris Gomelsky; Kyle Schneider; Ahmed Alsaqufi; Glennon. R.P; Plouffe . D.A

Genotype-environment interactions for survival at low and sub-zero temperatures at varying salinity for channel catfish, hybrid catfish and transgenic channel catfish: Published on Aquaculture 2016. Nermeen Y. Abass, Houssam. Elwakil , Alaa A. Hemeida, Nader R. Abdelsalam, Zhi Ye, Baofeng Su, Ahmed S. Alsaqufi, Chia-Chen Weng, Vance L. Trudeau, Rex A. Dunham.

Production of Channel Catfish, *Ictalurus punctatus*, X Blue Catfish, *I. furcatus*, F1 Progeny from the Mating of a Xenogenic Channel Catfish Male and a Normal Channel Catfish Female: Published in NAJA 2016 North American; Journal of Aquaculture. Dayan A. Perera, Ahmed Alsaqufi, Mei Shang, Donny C. Wade, Baofeng Su, Michael Fobes, Renee Beam, Gemerlyn Garcia, Sheriban Cek, David A. Dunn, Sanjay K. Das, Eric Peatman, Elizabeth A. Lipke, and Rex A. Dunham

Genotype-environment interactions for growth and survival of channel catfish (*Ictalurus punctatus*), blue catfish (*Ictalurus furcatus*), and channel catfish, *I. punctatus*, ♀×blue catfish, *I. furcatus*, ♂ hybrid fry at varying levels of sodium chloride. Published on Aquaculture Journal 2016. Nermeen Y. Abass, Ahmed S. Alsaqufi, Nonkonzo Makubu, Ahmed H. Elaswad, Zhi Ye, Baofeng Su, Zhenkui Qin, Hanbo Li, Rex A. Dunham.

Channel catfish *Ictalurus punctatus* strain comparison for induced ovulation in the early spawning season to produce channel catfish ♀ × blue catfish *I. furcatus* ♂ hybrid catfish embryos. published on Aquaculture journal 2017. Sheng Dong, Dayan Perera, Khoi Vo, Ramjie Odin, Ahmed Alsaqufi, Michael Fobes, Ahmed Elaswad, Zhi Ye, Zhenkui.

Artificial Spawning Strategies for White Catfish, *Ameiurus catus* in Captivity. Sent to publisher 2016. Dayan A. Perera, Ahmed Alsaqufi, Michael C. Fobes and, Rex A. Dunham

Effect Of Cecropin B Gene Transfer On The Resistance To *Ichthyophthirius multifiliis* In Channel catfish, *Ictalurus punctatus*, and Cannel catfish Female X Blue catfish Male, *Ictalurus furcatus*, Hybrids. Sent to publisher 2016. Ahmed H. Elaswad, Ahmed S. Alsaqufi, Zhi Ye, Hisham A. Abdelrahman, Baofeng Su, Dayan A. Perera, and Rex A. Dunham

Repressible Transgenic Sterilization in Channel Catfish, *Ictalurus punctatus*, by Knockdown of Primordial Germ Cell Genes with Copper Sensitive Constructs. Sent to publisher 2017. Hanbo Li¹, Baofeng Su^{1,2}, Guyu Qin¹, Zhi Ye¹, Ahmed Elaswad¹, Ahmed Alsaqufi^{1,3}, Dayan Perera^{1,4}, Zhenkui Qin^{1,5}, Ramji Odin¹, Khoi Vo¹, David Drescher¹, Dalton Robinson¹, Sheng Dong¹, Dan Zhang¹, Nermeen Abass¹, Sanjay K. Das^{1,6} and Rex A. Dunham¹

PRODUCTION OF CHANNEL CATFISH *Ictalurus punctatus* ♀ X BLUE CATFISH *Ictalurus furcatus* ♂ HYBRID PROGENY USING XENOGENESIS. Presented in WAS 2016. Ramjie Y. Odin*, Khoi Vo, Ahmed Alsaqufi, Dayan Perera, Shang Mei, Baofeng Su, Sheng Dong, Guyu Qin, Ahmed Elaswad, Karim Khalil, Elizabeth Lipke, Eric Peatman, and Rex A. Dunham

GENOTYPE-ENVIRONMENT INTERACTIONS FOR GROWTH, SURVIVAL, SEXUAL DIMORPHISM AND SEINABILITY FOR DIFFERENT GENETIC TYPES OF CHANNEL CATFISH *Ictalurus punctatus* ♀ X BLUE CATFISH *I. furcatus* ♂ CULTURED IN THREE ENVIRONMENTS. Presented in Spain 2015. Rex A. Dunham*, Nonkonzo Makhubu, Baofeng Su, Ahmed Alsaqufi and Eric Peatman.

Comparison of Growth, Disease Resistance and Dress-out and Fillet yield Traits of Different *Ictalurus punctatus* x *I. furcatus* Genetic Groups of Hybrid Catfish and determine the maternal. In review (2017) . Ahmed S. Alsaqufi^a; Dayan Perera^b; Nermeen Y. Abass^c; Ahmed El Aswad^c; Nonkonzo Makubu^c ; Baofeng Su^d and Rex Dunham^c

Salt Sensitive Tet-Off-Like Systems to Knockdown Primordial Germ Cell Genes for Repressible Transgenic Sterilization in Channel Catfish, *Ictalurus punctatus*. Accepted 2017 *marine drug Journal*. Hanbo Li^{1,a}, Baofeng Su^{1,2,a}, Guyu Qin¹, Zhi Ye¹, Ahmed Alsaqufi^{1,3}, Dayan A Perera^{1,4}, Mei Shang^{1,2}, Ramjie Odin¹, Khoi Vo¹, David Drescher¹, Dalton Robinson¹, Dan Zhang¹, , Nermeen Abass¹, and Rex A. Dunham¹