



أ.د زهير الحميري

أستاذ

العلوم الرياضية والفيزيائية – شعبة الإحصاء

كلية العلوم والآداب

جامعة نزوى، سلطنة عمان

هاتف: +968)96825446409

محول: 409

البريد الإلكتروني: alhemyari@unizwa.edu.om

موقع المكتب: 11i-14

يعمل في الجامعة: منذ 2005

الحالة الاجتماعية: Married.

[Prof- ZUHAIR UoN CV.pdf](#)

المؤهلات الأكاديمية

Certificate in Teaching Methods and Techniques, Baghdad University, 1990

M.Sc., University of Baghdad, 1978

B.Sc., University of Al-Mustansiryah, 1976

Ph.D, Indian Institute of Technology, New Delhi

أنشطة التدريس

Special Topic in Statistical Inference using Statistical Software, 2006-2011

Special Topic in Data Analysis using Statistical Software, 2007-2011

Special Topic in Applied Linear Models using Statistical Software , 2007-2011

Time Series Analysis, 2006-2011

Information Theory, 2000-2005; 2007-2011

Hypothesis Testing, 1990-2005; 2007-2011

-Estimation Theory , 1990-2005; 2007-2011; 2019

Stochastic and Random Process, 1990-2005; 2007-2011
Mathematical Statistics, 1983-1985; 1989-2004; 2005-2011
Reliability Theory, 1990-2004; 2005-2011
Forecasting methods for Business, 1979-2004; 2005-2011
Probability, 1979-2004; 2005-2011
-Computational Techniques in Statistics, 1990-2004; 2005-2011; 2019
Quality Control, 1990-2005
Statistical Methods , 1979-1985; 2005-2011
-Statistics for Education, 1990-2005;2005-20011; 2019
-Basic Statistics, 1979-1985; 1990-2000; 2005-2011; 2019

الأنشطة البحثية

الاهتمامات البحثية -

Shrinkage Methods
Bayesian- Shrinkage Procedures
Single and Double-stage Sampling Techniques
Reliability Theory and Applications
Modeling and Optimization
Data Analysis
Statistical/Performance Indicators
Quality Assurance/Audit
Knowledge management of HEIs
Intellectual capital of HEIs
Performative models for HEIs quality
Ranking models of HEIs

المنشورات -

مقال:

1. A Class of Always Pooling Shrinkage Testimators for the Weibull Model., Int. J. 2019 .1
(Mathematics in Operational Research, Vol. 14, No. 3, pp. 407-432 (Inderscience
2. A knowledge management model for enhancing quality and performance of higher 2019 .2
education institutions: insights from Oman. , Int. J. of Quality and Innovation, Vol. 4 No. ½,
(pp.99-119 (Inderscience
3. A TSST of the Reliability Function for Exponential Failure Model Using Type II Censored 2019 .3
Data with Minimum Cost of Experimentations, Int. J. Reliability and Safety, Vol. 13, No. 3, 2019,
(pp.211-234 (Inderscience
4. Information Management Model for Intellectual Capital of HEIs in Oman: Theoretical 2018 .4
Quantitative Approach and Practical Results. , J. of Information and Knowledge Management, Vol.

- .(17, No. 1, pp.1-38. (World Scientific
- Students' Perceptions and Expectations in Quality Teaching of Private HEIs: Comparative 2017 .5
.Study.. The fourth OQNHE Conference 2017, Muscat, pp.1-14
- Al-Farahidi Performative model to assess HEIs. . The fourth OQNHE Conference 2017, 2017 .6
.Muscat, pp.1-15
- HEIs Quality Improvement Through Students and Academic Staff's Perception: Data 2017 .7
Analysis and Robustness of the Results.. International Journal for Quality Research, Vol.11, No.2,
(pp.261-278(Indexed in Elsevier
- Quality Teaching of Private HEIs: Comparative Study based on Students' Perceptions and 2017 .8
(Expectations. . Int. J. of Quality and Innovation, Vol. 3, Nos. 2/3/4, pp. 209-228 (Inderscience
- Validity and Reliability of Students and Academic Staff's Surveys to Improve Higher 2016 .9
Education. . Educational Alternatives, Journal of International Scientific Publications, Vol.14, pp.
(242-263 (Bulgaria
- A Framework for Fostering the Quality of HEIs: Data Collection, Evaluation, Indication 2016 .10
(and Validation.. Int. J. of Quality and Innovation, Vol.3, No.1, pp.42-66 (Inderscience
- Two classes of Bayes-shrinkage estimators for Weibull lifetime model. . Int. J. of Data 2016 .11
(analysis Techniques and Strategies, Vol.8, No.2, pp.161-182 (Inderscience
- A TSST of the Mean of Exponential Model with Minimum Cost of Experimentations. . Int. 2016 .12
(J. of Reliability and Safety Vol. 10, No. 4, pp.285-308 (Inderscience
- Enhancing metacognition skills of higher education students: Methodology, statistical 2015 .13
analysis and survey outcomes. . Int. J. of Information and Decision sciences. Vol. 7, No. 1,
(pp.71-98 (Inderscience
- Developing and Establishing Statistical Indicators for Fostering the Quality of Omani 2015 .14
HEIs. . International Journal for Cross-Disciplinary Subjects in Education (IJCDSE), Volume 6, Issue
(2, pp. 2142-2151 (The Infonomics Society, Ireland
- Performance Measurement in Private HEIs: Performance Indicators, Data Collection and 2015 .15
(Analysis.. Proceedings of the Conference "The Future of Education", pp. 511-516 (Italy
- Standards, benchmarks and qualitative indicators to enhance the institution's activities 2015 .16
and performance: Surveys and data analysis.. International Journal of Knowledge-Based
(Organizations (IJKBO), Vol.5, No.4, pp.38-62 (IGI, USA
- Efficient, Simulation and modified shrinkage procedure for the simple linear regression 2015 .17
(model. . Int. J. of Data analysis Techniques and Strategies, Vol.7, No.3, pp.253-283(Inderscience
- Computational Procedures for Exponential Life Model Incorporating Bayes and Shrinkage 2015 .18
Techniques.. Int. J. of Reliability and Applications, 16 (2), pp.55-78 (Reliability Association, South
(Korean
- Goals and objectives: Statistical techniques and measures for performance 2014 .19
improvement of HEIs in Oman.. Int. J. of Management in Education. Vol. 8, No. 3,
(pp.244-264(Inderscience
- Optimized shrinkage estimators of reliability function in a failure-time model with prior 2014 .20
information and time censored data. . Journal of Risk and Reliability, Vol. 228, No. 6, pp. 578-589
(SAGE, London

Ministry of Higher Education, Oman

Submitted recommendations to H.E. the Minister of Higher Education and H.E. the Undersecretary regarding the regular activities related to HEIs. • Studied and submitted recommendations to H.E. the Minister of Higher Education and H.E. the Undersecretary regarding the emerging issues related to higher education. • Principal Investigator and Scientific Advisor of several funded projects by the Ministry of Higher Education, Sultanate of Oman. • Reviewed projects to be implemented by the Ministry of Higher Education and submitted opinion reports. • Reviewed the draft reports and publications of the Ministry of Higher Education. • Member of 15 committees of the Ministry of Higher Education, and • Published eighteen papers to different international journals and conferences based on the .performance/ranking/skills indicators projects

Acting Head, Dept. of Mathematical and Physical Sciences - College of Sciences and Arts, University of Nizwa :2010 - 2010
(Period from June 2010 to Sep. 2010)

Acting Head, Dept. of Mathematical and Physical Sciences - College of Sciences and Arts, University of Nizwa :2011 - 2010
(Period from Dec. 2010 to Feb. 2011)

Acting Head, Dept. of Mathematical and Physical Sciences - College of Sciences and Arts, University of Nizwa :2009 - 2009
(Period from June 2009 to Sep. 2009)

Head of Statistics section. - o :2011 - 2005
.As below

Head of Mathematical and Physical Sciences. - University of Nizwa :2007 - 2005
Planned and coordinated the preparation and publication of required accreditation documents, • Supervised the running of the Department of Mathematics and proposed ways of enhancing its performance. • Prepared Vision, Mission, Objectives, and Key Performance Indicators (KPIs) for the department as required by Oman Accreditation Council. • Proposed Degree Programs, initiated and established the design of BSc and Diploma in Statistics Program. • Prepared recruitment plans, appointed members for Search Committee, established recruitment procedure, recruited new faculty for the department. • Conducted meetings, seminars and workshops for the department/college/university staff. • Taught many undergraduate courses in the DMPS and postgraduate courses in the College of Arts and Science (Please refer to attached courses). • Published many research papers. • Participated at national and international Conferences. • Supervised students at MSc. Program. • Designed syllabi, teaching & assessment plans, and learning materials. • Coordinated supervision of final year students' research projects. • Participated in the preparation of the College of Arts and Sciences vision, mission and goals in accordance with the University requirements regarding teaching, research, and community service. • Followed up implementation of department board decisions. • Submitted recommendations regarding projects, consultancies, and staff contribution to community service. • Conducted academic advising. • Prepared department/section annual reports and submitted to the Dean; approved final exam grades. • Acted as Head of the Department of MPSD. • .Recruited Professors, Assoc. Professors, Assist. Professors, and lecturers

Full Professor & Head, Dept. of Computer Science. - Al-Mansour University College, Baghdad :2005 - 2003

Supervised the running of the Department of Computers/ Information Systems and Computers and proposed ways of enhancing its performance. • Revised Degree Programs, of B.Sc. in Computers/ Information Systems and Computers. • Prepared recruitment plans, appointed members for Search Committee, established recruitment procedure, recruited new faculty for the department. • Conducted meetings, seminars and workshops for the college staff. • Taught many courses in the Departments of Computers and Information Systems and Computers and post graduate courses in other colleges (see attached Table). • Published many research papers. • Participated at national and international conferences. • Designed syllabi, teaching & assessment plans, and learning materials. • Coordinated

supervision of final year students' research projects. • Followed up implementation of department board decisions. • Submitted recommendations regarding projects, consultancies, and staff contribution to community service. • Conducted academic advising.
• Prepared department/section annual reports and submitted them to the Dean; approved final exam grades

Head, Dept. of Information Technology & Computers (IT&C) - Al-Mansour University :2003 - 2001
College, Baghdad

Supervised the running of the Department of Computers/ Information Systems and Computers and proposed ways of enhancing its performance. • Revised Degree Programs, of B.Sc. in Computers/ Information Systems and Computers. • Prepared recruitment plans, appointed members for Search Committee, established recruitment procedure, recruited new faculty for the department. • Conducted meetings, seminars and workshops for the college staff. • Taught many courses in the Departments of Computers and Information Systems and Computers and post graduate courses in other colleges (see attached Table).
• Published many research papers. • Participated at national and international conferences.
• Designed syllabi, teaching & assessment plans, and learning materials. • Coordinated supervision of final year students' research projects. • Followed up implementation of department board decisions. • Submitted recommendations regarding projects, consultancies, and staff contribution to community service. • Conducted academic advising.
• Prepared department/section annual reports and submitted them to the Dean; approved final exam grades

.Department of Mathematics - College of Ibn Al Haithm, University of Baghdad :1998 - 1995

Supervised the running of the Department of Mathematics and proposed ways of enhancing its performance. • Revised Degree Programs, of M.Sc. and B.Sc. in Mathematics.
• Prepared recruitment plans, appointed members for the Research Committee, established recruitment procedure, recruited new faculty for the department. • Conducted meetings, seminars and workshops for the department staff. • Taught many courses at undergraduate and graduate levels in the Department of Mathematics and other departments (Please refer to attached courses). • Taught many courses at graduate levels in the other Colleges of Baghdad and Al-Mustansiriyah Universities (see attached Table). • Published many research papers. • Supervised students at MSc. Program. • Participated at national and international Conferences. • Designed syllabi, teaching & assessment plans, and learning materials. • Coordinated supervision of final year students' research projects. • Followed up implementation of department board decisions. • Submitted recommendations regarding projects, consultancies, and staff contribution to community service. • Conducted academic advising. • Prepared department/section annual reports and submitted to the Dean; approved final exam grades

الجوائز والتقدير

I was selected as one of the best employees throughout the Ministry of Higher Education, 2018
.Oman, 2018

I was selected into Marquis who's who in the World as one of the top 3% of the 2017
.professionals, and will be listed in the international biography directory 2017, Volume, 34

I was awarded the ``Valued Reviewer Status`` from Journal of Reliability Engineering and 2016
.System Safety, ELSEVIER. Jan. 20, 2016

I was awarded the ``Recognized Reviewer Status`` from Journal of Reliability Engineering 2015
.and System Safety, ELSEVIER. Sep. 23, 2015

The best paper Award competition of the 2012 International Conference of Computational 2012
.Statistics and Data Engineering, International Association for Engineers, June 2012, London, UK

Whilst I was the Head of Information System and Computers Department, Al-Mansour 2002 University College, Iraq, the department was selected with others for the Central Correspondence Departments Examinations throughout Iraq and was awarded the first, second, and third prizes (2001-2002), by the Ministry of Higher Education and Scientific Research in Iraq

The first prize (2001- 2002) of the central examinations of the students by the Ministry of 2002 Higher Education and Scientific Research in Iraq

First prize Award, 1986-1987, Chess Championship of Iraqi Students Association at India 1987

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المرجع: <https://www.unizwa.edu.om/staff/cas/alhemyari>