VITA

Dr. Aliakbar Montazer Haghighi

Current Positions:

Professor and Ex-Head
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Co-Founder and Ex. Editor-in-Chief
Applications and Applied Mathematics:
An International Journal (AAM)
http://www.pvamu.edu/aam

TABLE OF CONTENTS

Details

1. PERSONAL INFORMATION

(i)	Telephone:	Office:	Work: (936) 261-1997; Personal: (832) 309-3838	
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(iii)	Addresses:	Electronic:	Work:	amhaghighi@pvamu.edu;
			Personal:	amhaghighi@gmail.com;
		Traditional: Work:	Post Office:	PO Box 519 - MS 2555
				Prairie View, TX 77446-0519
			Physical:	Department of Mathematics
				Prairie View A&M University
				140 L.W. Minor St.
				W.R. Banks Building, Room 314 Prairie View, TX 77446-0519
(v)	**Live in** Cypress, Texas			
(vi)	**Citizen** of the United States of America			
(vii)	**Married,** two children and three grandchildren			

2. POST HIGH SCHOOL EDUCATION

Degree	**Year**	**University**		**Area/Thesis Topic**
		Name	**Location**	
Ph. D.	1976	Case Western Reserve University	Cleveland, Ohio, USA	Probability and Statistics, *Many-Server Queueing Systems with Feedback, Dissertation Advisor:* Lajos Takács
MA	1971	San Francisco State University	San Francisco, California	Applied Mathematics
BA	1966	San Francisco State University	San Francisco, California	Mathematics

3. EMPLOYMENT HISTORY

During Years	Academic Rank	Admin. Position	Institution	Location
9/1/2002 - Present	Professor (Tenured)		Prairie View A&M University	Prairie View, TX ,USA
2002 – 2021	Professor (Tenured)	Head, Mathematics	Prairie View A&M University	Prairie View, TX ,USA
1985 – 2002	Professor (Tenured)		Benedict College	Columbia, SC, USA
1981 – 1985	Associate Professor		National University of Iran	Tehran, Iran
1968 – 1981	Assistant Professor	Acting President, VP for Research, Department Head	Institute of Statistics and Informatics	Tehran, Iran
Summer 1991	Visiting Scholar		University of South Carolina	Columbia, SC, USA
Summer 1985	Lecturer		Mt. San Antonio College	Walnut, CA, USA
Summer 1984	Visiting Scientist		McMaster University	Hamilton, Canada

4. ACADEMIC ADMINISTRATIVE EXPERIENCE

(i)	At Prairie View A&M University	Professor (as of 9/1/2002), Professor and Head of Department of Mathematics (9/1/2002 – 8/31/2021), Chair of Mathematics Faculty Midterm Evaluation (2022), Member, the Prairie View A&M University Teacher Education Council (2005 – 2018), Chair, Member, Curriculum Committee, College of Arts and Sciences (2006 – 2016), Member, NCATE Task Force, College of Education (2007 – 2014), Member, Advisory Board, Local Cooperative Teacher Education Center (2007 – 2014), Member, Advisory Board, Alternative Teacher Certification (2007 – 2014), Faculty Representative, Member, to the Library Committee (2004 – 2013), Member, College of Arts and Sciences Tenure and Promotion Committee (2006 – 2008), Member, the University Academic Council (2002 – 2005), Member, representing the College of Arts and Sciences, of the Information Technology Committee (2002 – 2004), Member of the Cohort IV of the Academy for Educator Development (2003 – 2005), Chair, University Academic Council Task Force for Physics, Creative Writing and English Certification, Nursing, and MIS (2003, 04, 05), Member, representing the College of Arts and Sciences, of the University Academic Scholarship Oversight Committee (2003 – 2004), Chair, Finance Committee, Honors, Convocation the College of Arts and Sciences hosting (2005).
(ii)	At Benedict College	During (1985-2001), I served as a member and/or the chairperson of various committees and tasks such as Admissions, Recruitment and Retention Committee; Departmental Computer Curriculum Committee; Mathematics Curriculum Committee; Departmental Grant Proposal Committee, the College's Faculty Evaluation Committee, Departmental Self-Study for Southern Association of Colleges and Schools (SACS), Steering Committee for the Institutional Self-Study, Faculty Principal Committee for the Institutional Self-Study, the College's Faculty Evaluation Committee, Research/Studies/Fellowship Subcommittee, FHWA/SCDOT/Benedict Partnership, Steering Committee, Teacher Education Program, Specialization Sub-Committee, Self-Study for the State Board of Education's re-accreditation process for the Teacher Education Program, Literary Awards Committee for the School of Arts and Sciences, Evaluation Instrument Development Task Force for the School of Arts and Sciences, Math/Computer Science Department Five-Year Strategic Plan Task Force, the Right–size the College Subcommittee of the Strategic Planning Committee, the Year 2000 Compliance Task Force, Search Committee for the mathematics and computer science Department, Transfer Students' Transcripts Audit Committee, and Faculty Promotion and Tenure Committee.
(iii)	At the Institute of Statistics and Informatics	Acting President (1980 - 1981), Chairman, Academic Council (1980 - 1981), Vice President for Academic and Research Affairs (1979 - 1980), Chair, Department of Statistics (1976 - 1980), Director, Office of Budget and Planning (1976 - 1978), Director, Office of Admissions (1971 - 1973).

5. HONORS

(i)	One of the two **Founders** and **Founding Editors-in-Chiefs** of the ***Applications and Applied Mathematics: An International Journal* (*AAM*),** an online journal established in April 2005. The first issue was posted online on June 26, 2006. It can be viewed at: http://pvamu.edu/pages/aam. It has now in its 17th year of its existence and excellent service to the mathematics-based researchers. The next issue will be Vol. 17, Issue 2 (December 2022). It has also published 7 Special Issues.
(ii)	**Editor-in-Chief** of AAM, 2006 – 2021, yet helping behind the seen!
(iii)	**Editor, Book Series** titled "Engineering Mathematics and Operations Research", published by CRC Press - Taylor & Francis Group, LLC.

5 Continu.	**(iv)**	**Co-Editor, Book-chapter Series** titled "Advanced Mathematical Techniques Applicable in Computational and Intelligent Systems", published by CRC Press - Taylor & Francis Group, LLC.
	(v)	**Invited as a** Chief Guest of Honor presenter in Inaugural Session of ICCRMCS-2022
	(vi)	**Invited Keynote Speaker, ICMC-2021,** First International Conference on Mathematics & Computation, DAY 1 (October 22, 2021), Rajkiya Engineering College Kannauj, Uttar Pradesh, India
	(vii)	**Published in my honor:** Bai-Ni Guo, Dongkyu Lim, and Feng Qi, "*Series expansions of powers of arcsine, closed forms for special values of Bell polynomials, and series representations of generalized logsine functions*," in AIMS Mathematics **6** (2021), no. 7, 7494--7517; available online at https://doi.org/10.3934/math.2021438.
	(viii)	Received **Life-Time Achievement and Leadership Honor Award from The Marquis Who's Who Publications board, 2020-2021**. Also, have been included in 5 editions (2018-2019**,** 2008-2013) of the **Marquis Who's Who in America**
	(ix)	Receiver of **Excellence in Research Award**, Department of Mathematics, Prairie View A&M University, September 2007 and 2017.
	(x)	Receiver of **Excellence in Service as Department Head Award**, Department of Mathematics, Prairie View A&M University, September 2017.
	(xi)	**Editorial Board Member,** Fundamental Journal of Mathematics and Applications (FUJMA), http://dergipark.gov.tr/fujma, 2019.
	(xii)	**Member of the Bord of Editors,** International Journal of Mathematical Engineering and Management Sciences (https://ijmems.in), since 2021.
	(xiii)	**Member of** the International Advisory Committee of the International Conference on "Advances in Nonlinear Sciences (ICNS), HITEC University, Taxila, Pakistan, 2016
	(xiv)	**Advisory Editor Member, Queueing Models and Service Management,** Providence University,Taichung,Taiwan_, since established, 2018**,** http://qmsm.pu.edu.tw/Editorial_Board.html.
	(xv)	**Member of** the Program Committee Invitation to QTNA2016, 11th International Conference on Queueing Theory and Network Applications, http://qtna2016.org/
	(xvi)	**Editorial Board Member,** Journal of Data Analysis and Operations Research (JDAOR), Bahrain, http://www.naturalspublishing.com/show.asp?JorID=35&pgid=0, since 2013.
	(xvii)	**Editorial Board Member,** International Journal of Statistics & Economics (formerly Bulletin of Statistics and Economics), http://ceser.res.in/bse.html, since 2008.
	(xviii)	**Editorial Board Member,** Computational Methods for Differential Equations, since 2014. http://cmde.tabrizu.ac.ir/
	(xix)	**Board of Review Member**, International Journal of Engineering, Iran, since March 2008. http://www.ije.ir/people/
	(xx)	**Student Scholarship Award Establishment: "***Dr. Aliakbar Montazer Haghighi Mathematics Scholarship*", Department of Mathematics, Prairie View A&M University, Established by me on March 28, 2014.
	(xxi)	**Guest Speaker**, The 8th International Conference on Lattice Path Combinatorics and Applications (August 17 – 20, 2015,California Polytechnic State University Pomona, CA), Professor Lajos Takács: Life and Contribution to Combinatorics
	(xxii)	Nominated by faculty of mathematics for the A&M University System Board of **Regent Professor,** 2015.
	(xxiii)	**Honorary member** of the Scientific Committee for the Eighteenth Annual mathematics Conference of Bangladesh mathematics Society, December 2013.
	(xxiv)	**Was invited** as one of the **"Elites and Specialists Iranian Abroad"** by the government of Iran and attended the second **Great Congress of Iranian Abroad**. Attended August 2 – 3, 2010.
	(xxv)	**Scientific Committee Member**, International Conference, Dynamical Systems and Applications, November 2009.
	(xxvi)	**Speakers** for an Invited Talk at the 2014 ICRAM conference at Nagpur University, India.
	(xxvii)	One of the eleven worldwide **Plenary Speakers** of the 34th International Conference on Applications of Mathematics in Engineering and Economics, June 6 – June 12, 08, Sozopol, Bulgaria.
	(xxviii)	Received a **certificate of recognition of** "outstanding Participation as a Judge" at the 4th Annual STEM Research Symposium, March 21, 2014, at Prairie View A&M University.
	(xxix)	Have been included in the 2010-2013 Editions of **Who's Who in North America Education.**
	(xxx)	Have been included in the 2010-2012 Editions of **Who's Who Among Collegiate Faculty.**
	(xxxi)	Have been included in the 2008 – 2009 **Honor Edition** of **Who's Who Among Executives and Professionals.**

5 Continu.	**(xxxii)**	Have been included in the 10th Annual Edition of **Who's Who Among America's Teachers,** 2005-2006, 2004, and more.
	(xxxiii)	Have been selected to be included in the 2004 – 2005, 9th Edition of the **United Who's Who.**
	(xxxiv)	Have been assigned as the **Departmental Liaison** for the Mathematical Association of America, MAA, 2006 – 2020.
	(xxxv)	Chosen to be the only mathematician from the United States to be a **member of the Organizing Committee** of the 30th Jubilee and the 31st International Conference on Applications of Mathematics in Engineering and Economics, June 6 – June 12, 04 and June 7 – 12, 05, respectively, Sozopol, Bulgaria.
	(xxxvi)	Received a **certificate of recognition** "for the dedication and hard work, and contributions made through the membership of the Academy of Educator Development to strengthen educator preparation at prairie View A&M University", March 25, 2003, signed by Dr. M. Paul Mehta, Dean of College of Education, Dr. E. Joahanne Thomas-Smith, Provost and Vice President for Academic Affairs, and Mr. Willie A. Tempton, Interim President of Prairie View A&M University.
	(xxxvii)	Was recognized by the Honors Program as **Distinguished Honors Faculty Member** for Outstanding Service to the Honors Education at Benedict College, February 27, 2001.
	(xxxviii)	Was invited by the **People to People Ambassador Programs** to be a member of Mathematics Education delegation to travel to **South Africa**. I was one of 32 delegates ranged from elementary school teacher level through university professor level. This trip happened from November 10, 2000 through November 19, 2000. Benedict College provided the total cost of the travel. The delegation visited three South African Universities (University of Cape Town, University of the Western Cape, and University of the Witwatersrand), two high schools (Westerford and Portland) and one elementary school (Nomlinganiselo) in Cape Town and Johannesburg.
	(xxxix)	Was nominated as the **Professor of the Year in Scholarly Activities** and Teaching categories for the years 1998 and 1999 at Benedict College by the Chairman of the Department of Mathematics and Computer Science.
	(xxxx)	Received a **lifetime Instructor Credential Award** for the **California Community Colleges**, March 5, 1985.
	(xxxxi)	Received a **full scholarship** for the period of 1973 to 1976 from the Ministry of Higher Education of Iran to complete my Ph.D. program at Case Western Reserve University, Cleveland, Ohio.

6. RESEARCH INTEREST

I have been and am engaged in research on stochastic processes, queueing theory and modeling and communication lines with balking, reneging, splitting, delay-service and delayed-feedback, as well as statistical analysis, biostatistics and mathematical statistics.

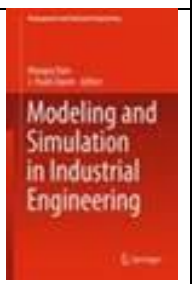
7. PUBLICATIONS (BOOKS, LECTURE NOTES, RESEARCH PAPERS)

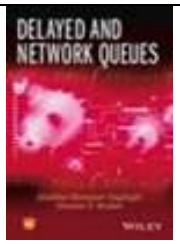
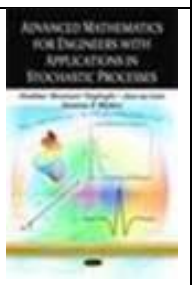
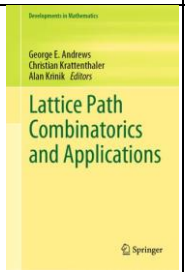
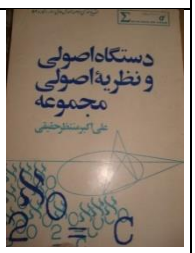
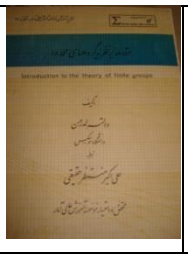
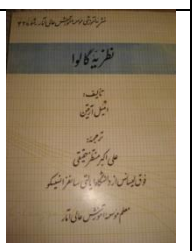
(i) Books Published/in progress (in English)

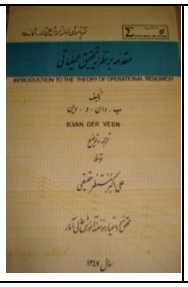
1 **Aliakbar Montazer Haghighi,** Anil Kumar Abburi, Dimitar P. Mishev, **Higher Mathematics for Science and Engineering,** Contracted with Springer Nature, to be in market in early 2023.

2 **Aliakbar Montazer Haghighi** and Indika R. Wickramasinghe, *Probability, Statistics and Stochastic Processes for Engineers and Scientists*, appeared on July 15, 2020 by Taylor & Francis Group, LLC/ CRC Press. https://www.amazon.com/dp/0815375905?tag=sa-b2c-new20&linkCode=osi&th=1&psc=1

3 **Aliakbar Montazer Haghighi,** and Dimitar P. Mishev, *Stochastic Modeling in Indusry and Management*, Chapter 7 of A Modeling and Simulation in Industrial Engineering, Mangey Ram and J. P. Davim, Editors, to appear in 2018 by **Springer**. https://link.springer.com/chapter/10.1007/978-3-319-60432-9_7



7 Continu.		**4**	**Aliakbar Montazer Haghighi**, and Dimitar P. Mishev, *Delayed and Network Queues*, John Wiley & Sons Inc., New Jersey, 2016. https://www.amazon.com/s?k=%2C+Delayed+and+Network+Queues&i=stripbooks&ref=nb_sb_noss_2		**5**	**Aliakbar Montazer Haghighi**, and Dimitar P. Mishev, *Queuing Models in Industry and Business*, Second Edition 2014. Nova Science Publishers, Inc., a New York. First Edition appeared in 2008. https://novapublishers.com/shop/queueing-models-in-industry-and-business-second-edition/	
		6	Aliakbar Montazer Haghighi, and Dimitar P. Mishev, *Difference and Differential Equations with their Applications in Queuing Theory*, **John Wiley & Sons Inc**., 2013.		**7**	Aliakbar Montazer Haghighi, Jian-ao Lian and Dimitar P. Mishev, *Advance Mathematics for Engineers with Applications in Stochastic Processes*, Revised Edition. **Nova Science Publishers, Inc**., a New York, 2011. Original edition appeared in 2010.	
		8	**Aliakbar Montazer Haghighi**, Sri Gopal Mohanty Pages 1-28, 208, Professor Lajos Takács: A Tribute, Lattice Path Combinatorics and Applications https://link.springer.com/book/10.1007%2F978-3-030-11102-1					
	(ii)	**Books Published in Farsi (in Persian)**						
		9	**A. Montazer Haghighi**, *Theory of Functions of a Complex Variable* (three editions), Institute of Statistics and Informatics, Tehran, Iran, 1976.		**10**	**A. Montazer Haghighi**, *Axiomatic System and Axiomatic Set Theory*, Institute of Statistics and Informatics, Tehran, Iran, 1973.	
		11	**A. Montazer Haghighi**, Persian translation of the *Finite Groups* by Walter Ledermann, Institute of Statistics and Informatics, Tehran, Iran, 1971.		**12**	**A. Montazer Haghighi**, Persian translation of the *Galois Groups* by Emil Artin, Institute of Statistics and Informatics, Tehran, Iran, 1970.	

7 Continu.	**(ii) Continues**	**13**	**A. Montazer Haghighi**, Persian translation of the *Theory of Operations Research* by Van Der Veen, Institute of Statistics and Informatics, Tehran, Iran, 1969.		
	(iii)	**Lecture Note Published in English**			
		14	S. Durham, **Aliakbar Montazer Haghighi** and P. Goddard, *Differential Markov Chain: An Introduction to Applied probability*. Lecture Notes, Department of Statistics, University of South Carolina, 1991.		
	(iv)	**Lecture Note Published in Farsi**			
		15	**A. Montazer-Haghighi**, *Theory of Stochastic* Processes, Lecture Notes. National University of Iran, Tehran, 1984.		
		16	**A. Montazer Haghighi**, *Queueing Theory*, Lecture Notes. National University of Iran, Tehran, 1984.		
		17	**A. Montazer Haghighi**, *Ordinary Differential Equations*, Lecture Notes. National University of Iran, Tehran, 1984.		
		18	**A. Montazer Haghighi**, Persian translation of the *Foundations of the Theory of Probability* by A. N. Kolmogorov, Lecture Notes. National University of Iran, Tehran, 1983.		
	(v)	**Refereed Research Papers Published**			
		19	**Aliakbar Montazer Haghighi** and Sri Gopal Mohanty (2019). In Honor and Memory of Professor Emeritus Lajos Takács, Book Series: Developments in Mathematics, Editors: George E. Andrews, Christian Krattenthaler, and Alan Krinik, Springer International Publishing, Print ISBN: 978-3-030-11101-4, Electronic ISBN: 978-3-030-11102-1 Lattice Path Combinatorics and Applications https://link.springer.com/book/10.1007%2F978-3-030-11102-1		
		20	**Aliakbar Montazer Haghighi**, and Dimitar P. Mishev, Stepwise Explicit Solution for the Joint Distribution of Queue Length of a *MAP* Single-server Service Queueing System with Splitting and varying Batch Size Delayed-Feedback, Int. J. Mathematics in Operational Research, Vol. 9, No. 1, 2016, pp. 39-64.		
		21	**Aliakbar Montazer Haghighi**, and Dimitar P. Mishev, Busy period of a single-server Poisson queueing system with splitting and batch delayed-feedback, Int. J. Mathematics in Operational Research, Vol. 8, No. 2, 2016, pp. 239-257.		
		22	Aliakbar Montazer Haghighi, **Preface, In Honor and Memory of Professor Emeritus Lajos Takács, Applications and Applied Mathematics: An International Journal (AAM), Vol. 10, Issue 2 (December 2015), pp. 634-666.**		
		23	**Aliakbar Montazer Haghighi**, and Dimitar P. Mishev, *Stochastic Three-stage Hiring Model as a Tandem Queueing Process with Bulk Arrivals and Erlang Phase-Type Selection,* $M^X/M^{(k,K)}/1 - M^Y/E_r/1 - \infty$, International Journal of Mathematics in Operations Research (IJMOR), Vol. 5, No. 5, 2013. http://www.inderscience.com/jhome.php?jcode=ijmor		
		24	**Shayib, Mohammed and Aliakbar Montazer Haghighi,** *Moments of the Reliability, R = P(Y<X), as a Random Variable*, International Journal of Computational Engineering Research (IJCER), Vol. 3, Issue 8 (August 2013). http://www.ijceronline.com/v3i8.html		

7 Continu.	**(v) Continu.**	**25**	**Aliakbar Montazer Haghighi,** Stefanka Chukova and Dimitar P. Mishev, *Single-Server Poisson queueing system with delayed-feedback: Part 1*, International Journal Mathematics in Operational Research (IJMOR), Vol. 3, No. 1, 2011 http://inderscience.metapress.com/content/pu62l103040787h8/?p=6b728733e9ee41849d61a6fde8bb9dac&pi=0
		26	Mohammed A. Shayib and **Aliakbar Montazer Haghighi**, *An Estimation of Reliability: Case of One-Parameter Burr Type X Distribution*. International Journal of Statistics and Economics, Vol. 6, No. S11, Spring 2011. http://www.ceser.in/ceserp/index.php/bse/article/view/863
		27	**Aliakbar Montazer Haghighi,** and Mohammed A. Shayib, *Reliability computation using logistic and Extreme-Value Distributions*. International Journal of Statistics and Economics, Vol. 4, No. S10, Spring 2010. http://www.ceser.in/ceserp/index.php/bse/article/view/863.
		28	**Aliakbar Montazer Haghighi**, and Mohammed A. Shayib, *Shrinkage Estimators for Calculating Reliability, Weibull Case*. Journal of Applied Statistical Science (JASS), Vol. 17, No. 2, 2008 (online), 2010 (paper). https://www.novapublishers.com/catalog/product_info.php?products_id=12874.
		29	**Aliakbar Montazer Haghighi**, and Dimitar P. Mishev, *Analysis of a Two-node Task-Splitting Feedback Tandem Queue with Infinite Buffers by Functional Equation*, International Journal of Mathematics in Operations Research, Vol. 1, No. 1/2, 2009. http://www.inderscience.com/info/inarticletoc.php?jcode=ijmor&year=2009&vol=1&issue=1/2.
		30	**Aliakbar Montazer Haghighi**, Stefanka Chukova, and Dimitar P. Mishev, *A Two Station Tandem Queueing System with Delayed-Service*. International Journal of Operational Research, Vol. 3, No. 4, 2008. http://www.inderscience.com/info/inarticletoc.php?jcode=ijor&year=2008&vol=3&issue=4.
		31	**Aliakbar Montazer Haghighi**, Stefanka Chukova, and Dimitar P. Mishev, *Busy Period of a Delayed-Service Single-Server Poisson Queue*. American Institute of Physics (AIP), http://www.aip.org, Conference Proceedings, Volume 946, online October 18, 2007. Applications of Mathematics in Engineering and Economics, 33rd International Conference, Sozopol (Bulgaria), 8–14 June 2007. ISBN: 978-0-7354-0460-1. Editor: Michail D. Todorov, Technical University of Sofia.
		32	**Aliakbar Montazer Haghighi**, and Dimitar P. Mishev, *A Tandem Queueing System with Task-Splitting, Feedback and Blocking*. International Journal of Operational Research (IJOR) Vol.2 No. 2, pp. 208 – 230, 2007. http://www.inderscience.com/info/inarticletoc.php?jcode=ijor&year=2007&vol=2&issue=2.
		33	**Aliakbar Montazer Haghighi**, Roozbeh Vakil and Johnson Wetiba, *An Alternative Method of Teaching: Reverse-Traditional/Hands-On*. Applications and Applied Mathematics: An International Journal (AAM), Online, Vol. 1, No. 1, pp. 62 – 82, June 2006. *http://www.pvamu.edu/aam*.
		34	**Aliakbar Montazer Haghighi**, and Dimitar P. Mishev, *A Parallel Priority Queueing System with Finite Buffers*. Journal of Parallel and Distributed Computing, 66, pp. 379-392, 2006. http://www.sciencedirect.com/science/journal/07437315/66/3.
		35	Anastasia Ivanova, **Aliakbar Montazer-Haghighi**, Sri Gopal Mohanty, and Steven D. Durham, *Improved up-and-down designs for phase I trials*. Statistics in Medicine, 22, No. 1, pp. 69-82, 2003. http://onlinelibrary.wiley.com/doi/10.1002/sim.v22:1/issuetoc.
		36	**Aliakbar Montazer Haghighi**, *An Analysis of a Parallel Multi-Processor System with Task Split and Feedback*. Computers Ops. Res. Vol. 25, No. 11, pp. 948 – 956, 1998. http://www.sciencedirect.com/science/journal/03050548/25/11

7 Continu.	**(v) Continu.**	**37**	**Aliakbar Montazer Haghighi** and Juanita S. Scott, *Calculus Excellence Workshop*: *A Case Study*. PRIMUS (Problems Resource, and Issues in Mathematics Undergraduate Studies), Taylor and Francis Online, Vol. 8, No. 2, pp. 150-162, 1998. http://www.tandfonline.com/toc/upri20/8/2#.UZl5vfU4yhk.
		38	**Aliakbar Montazer Haghighi**, Robert Trueblood: *Busy Period Analysis of a Parallel Multi-Processor System with Task Split and Feedback*. The Advances In System Science and Applications (ASSA), Special Issue, 1997.
		39	Stephen D. Durham, Nancy Flournoy, **Ali A. Montazer Haghighi**, *Up-and-Down Designs II.: Exact Treatment Moments*. Adaptive Designs (South Hadley, MA, 1992), Institute of Mathematical Statistics Lecture Notes Monograph Series, 25, pp. 158-178, 1995.
		40	Stephen D. Durham, Nancy Flournoy, **Ali A. Montazer Haghighi**, *Up-and-Down Designs*. Computing and Statistics: Interface, Vol. 25, pp. 375-384, 1993.
		41	S. G. Mohanty, **A. Montazer Haghighi** and R. Trueblood, *On the Transient Behavior of a Finite Birth-Death Process with an Application*. Computers and Ops. Res. Vol. 20, No. 3, pp. 239-248, 1993.
		42	**A. Montazer Haghighi**, J. Medhi, and S. G. Mohanty, *On a Multi-Server Markovian Queueing System with Balking and Reneging*. Computers. and Ops. Res. Vol. 13, pp. 421-425, 1986.
		42	**A. Montazer Haghighi**, *An M/M/2 Queueing System with Feedback*, Bulletin of Iranian Mathematical Society, Vol. 13, No. I & 2 (serial No. 21). pp. II -27, 1986.
		44	**A. Montazer Haghighi**, *A Many-Server Queueing System with Feedback*, Bulletin of Iranian Mathematical Society, Vol. 9, No. I (serial No. 16), pp. 65-74, 1981.
		45	**A. Montazer-Haghighi**, *Many-Server Queueing System with Feedback*, Proc. of the 8th National Mathematics Conference, Aryamehr University of Technology, Tehran, Iran, 1977.
		46	**A. Montazer-Haghighi**, *A necessary and sufficient condition for a square matrix to have an infinite number of square roots*. English translation from the Persian, Research Bulletin, No. 3, Institute of Statistics and Informatics, Tehran, Iran, 1972.
	(vi)	**Non-Refereed Research Papers Published**	
		47	**Aliakbar Montazer Haghighi**, and Dimitar P. Mishev, "*A Two-Station Tandem Queueing System with Task-Splitting, Feedback, and Blocking*" Proceeding of the 30th International Summer School of Applications of Mathematics in Engineering and Economics (AMEE), June 7 – 12, 2004, Sozopol, Bulgaria.
		48	**Aliakbar Montazer Haghighi**, and Dimitar P. Mishev, "*An Ordered Entry Queueing System*" Proceeding of the 29th International Summer School of Applications of Mathematics in Engineering and Economics (AMEE), June 9 – 14, 2003, Sozopol, Bulgaria.
		49	S. Durham, **Aliakbar Montazer Haghighi** and R. Trueblood, *A Queueing Network for a Two Processor System with Task-Split and Feedback*, Proceedings of the Twentieth Annual Pittsburgh Conference on Modeling and Simulation, Modeling and Simulation, Vol. 20, part 3, Computer Architecture and Network, pp. 1189-1193, 1989.
	(vii)	**Abstracts Published**	
		50	**Aliakbar Montazer Haghighi**, Single-Processor, Exponential General Bulk Processing [*M*/*M*(*k*, *K*)/1] and Splitting Queueing System: A Mathematical Model for a Personnel Hiring Process. Abstracts, AMS Annual Joint Meeting, New Orleans, Louisiana, Special Session (Meeting # 1067): Math modeling in Environment and Economics I (# 49 A). January 6 – 9, 2011.

7 Continu.	**(vii) Continu.**	**51**	**Aliakbar Montazer Haghighi**, Dimitar Mishev, Stefanka Chukova, A Single-Server Poisson Queueing System with Splitting and Delayed Batched Feedback (Case $k = N = 1$). The Joint Meeting of AMS, SIAM and MAA, Washington, DC, January 5-8, 2009. 1046-60-833.
		52	**Aliakbar Montazer Haghighi**, Mohammed Shayib, Estimating reliability and Comparing its Estimators, 301761, JSM, August 3 – 7, 2008, Denver, Colorado.
		53	**Aliakbar Montazer Haghighi**, Dimitar Mishev**,** An Infinite-Buffers Tandem Queuing System. 2008 SIAM Annual meeting, July 7-11, 2008. CP17.
		54	**Aliakbar Montazer Haghighi**, Mohammed Shayib, Preferred Distribution for Estimating $P(Y < X)$, JSM, July 29 – August 2, 2007, Salt Lake City, Utah.
		55	**Aliakbar Montazer Haghighi**, Dimitar Mishev, Stefanka Chukova**,** Delayed-Service *M*/*M*/*c* Queuing System. The Joint Meeting of AMS, SIAM and MAA, New Orleans, LA, January 5-8, 2007.
		56	**Aliakbar Montazer Haghighi**, Roozbeh Vakil, and Johnson Wetiba, extended abstract of the manuscripts of: "An Alternative Method of Teaching" in the proceedings of the 1st International Scientifically-Practical Conference of the Informatization of Society. October 2004, Eurasian National University, Kazakhstan.
		57	**Aliakbar Montazer Haghighi, Dimitar Mishev,** abstract of the manuscripts of: "Analysis of a Conveyor Model Viewed as a Priority Queueing System with Finite Buffer" in the AMS VI Joint International Meeting, May 13 – 15, 2004, Houston, TX.
		58	**Aliakbar Montazer Haghighi, Dimitar Mishev**, abstract of the manuscripts of: "An *Ordered-Entry Queueing System*", Proceedings of the 29th International Summer School, Application of Mathematics in Engineering and Economics, June 2003, Sozopol, Bulgaria.
		59	**Aliakbar Montazer Haghighi**, abstract of the manuscripts of: "*An Alternative Method of Teaching: Reverse-Traditional/Hands-On: A Success*". American Mathematical Society, Vol. 22, No. 1, Issue 123, p. 200, # 962-E1-345, ISBN # 0192-5857, 2001.
		60	**Aliakbar Montazer-Haghighi**, Sri Gopal Mohanty, and Steven D. Durham, abstract of the manuscripts of: "*Historical Up-and-Down Design in Quantile Estimation"*. Final Program and Abstracts, 2001 SIAM (Society for Industrial and Applied Mathematics) Annual Meeting, # CP4, pp. 128-129, July 9 - 13, 2001.
		61	**A. Montazer Haghighi**, *A Transient Up-and-Down Design: A Parameter Estimation*. Bulletin of the South Carolina Academy of Science, Vol. LX, p. 81, 1998.
		62	**A. Montazer Haghighi**, *Calculus Excellence workshop Report: A Case Study*. Bulletin of the South Carolina Academy of Science, Vol. LIVII, p. 125, 1996.
		63	**A. Montazer Haghighi**, *Time Dependence of A Multi-Server Queueing System with Balking and Reneging*. Bulletin of the South Carolina Academy of Science, Vol. LI, p. 65, 1989.
		64	**A. Montazer-Haghighi**, *A Conveyor Problem with Balking and Reneging*. Bulletin of the South Carolina Academy of Science, Vol. XLX, p. 110, 1988.
		65	**A. Montazer Haghighi**, *Batch-Service Multi-Server Markovian Queueing System with Balking and Reneging*. Bulletin of the South Carolina Academy of Science, Vol. XLIX, p. 85, 1987.

8.	**REFEREED/REVIEWED BOOKS, GRANT PROPOSALS, AND RESEARCH PAPERS, MS THESES**		
	(i)	**Grant Proposals Review**	
		1	Panelist for The National Science Foundation (NSF), Graduate Research Fellowship Program (GRFP), 2019
		2	Mini-grant, Prairie View A&M University, 2017
		3	NSF (National Science Foundation), 2011
	(ii)	**Book Reviews**	
		1	**CRC Press (Taylor & Francis Group, LLC):** System safety, maintainability, and Maintenance for Engineers, **July 7, 2022**
		2	**CRC Press (Taylor & Francis Group, LLC):** Technology, Human Performance, and Nuclear Facilities, a system Engineering Approach to Reduce Human Error, **May, 19, 2022**
		3	**CRC Press (Taylor & Francis Group, LLC):** What Every Engineer should Know about Risk Engineering & Management, Second Edition, **March 30, 2022**
		4	**CRC Press (Taylor & Francis Group, LLC): "**Mathematical and Computational Modeling of Engineering Problems", **September 9, 2021**
		5	**CRC Press (Taylor & Francis Group, LLC): "**Applied Reliability, Usability, and Quality for Engineers"**, November 3, 2021**
		6	**CRC Press (Taylor & Francis Group, LLC): "**Reliability Analysis Using Minitab and Rython", **July 31, 2021**
		7	**CRC Press (Taylor & Francis Group, LLC): "**Safety for Engineers, Dhillon", **March 13, 2021**
		8	**CRC Press (Taylor & Francis Group, LLC): "**Computing and Simulation in Mathematical Engineering", **February 12, 2021**
		9	**Elsevier, "**Reliability Modeling with Industry", **April 23, 2021**
		10	**Elsevier, "**Safety and Reliability Modelling and Its Applications", **October 16, 2019**
		11	**Elsevier**, "New Paradigms in Computational Modeling and its Applications, **June 21, 2019**
		12	**Elsevier, "**Advances in Reliability Engineering Science", **March 14, 2019**
		13	**Elsevier, "**Computational Wave Dynamics", **November 7, 2018**
		14	**CRC Press (Taylor & Francis Group, LLC): "**Recent Advances in Mathematics to Engineering", **October 13, 2018**
		15	**Springer,** Concepts of Soft Computing: "Fuzzy and ANN with Programming Fuzzy Set Theory, **May 20, 2018**
		16	**CRC Press (Taylor & Francis Group, LLC): "**Software Reliability Engineering: Theory and Practices", **April 20, 2018**
		17	**CRC Press (Taylor & Francis Group, LLC): "**Software Reliability Engineering: Theory and Practices", **October 24, 2017**
		18	**Cambridge Scholars Publishing, "**Advances in applied mathematical problems", **October 17, 2017**
		19	**CRC Press (Taylor & Francis Group, LLC): "***Fuzzy differential equations and applications"*, **November 6, 2013**
		20	**John Wiley & Sons, Inc**, *"Stochastic Processes"* **March 16, 2013**
		21	**BVT, "***Understanding and Using Statistics: Basic Concepts"* **October 31, 2010**
	(iii)	**MS Thesis Reviews**	
	1	I have guided several Master's Degree theses in mathematics, statistics, and probability since 1977	
9	**Ph.D./D.Sc. THESIS EXTERNAL EXAMINER**		
	(i)	**Ambika, K,** On certain queueing models subject to working vacation and customer impatience, Faculty of Science and Humanities, Anna University, Chennai, India 600 025, **November 3, 2021**	
	(ii)	**Thandu Vamshi Krishna**, An Empirical Study on CPI Inflation in India - Time Series Analysis, Department of Mathematics, GITAM School of Science GITAM (Deemed to be University), Hyderabad Campus, India, **October 8, 2021**	
	(iii)	**Yogita Prashant Akhare,** Novel Model Predictive Control for Electrical Machine Drives Considering Circuit Faults, Roy G. Perry College of Engineering, Prairie View A & M University, Prairie View, Texas, USA, **October 6, 2021**	

9 Continu.	**(iv)**	**A. Arulselvam,** Contributions to the study of algebraic structures in some special types of fuzzy sets with applications, Department of Mathematics, Annamalai University, Annamalai Nagar-608002, Tamilnadu, India, **August 10, 2021**
	(v)	**R. Gowthami**, Contributions to the Study of MAP/PH/1 Queueing System with Bernoulli Schedule Vacation and Feedback, Department of Mathematics, Puducherry, India, **January 31, 2021**
	(vi)	**J. Tamilmani,** Exploring the Multifarious Fuzzy Cellular Spaces and Investigating Fuzzy Graded DI-Structure Texture Space, Department of Mathematics, Sri Sarada, College for Women (Autonomous), Affiliated to Periar University, Salem – 636 016, Tamil Nadu, India, **September 6, 2019**
	(vii)	**P. Umarani**, An Analysis of Multi-Specialty Hospital using Monte Carlo Simulation under Single and Multi-Channel Queueing Model, Department of Mathematics, Government Arts College (Autonomous), Bharathiar University, SALEM - 636 007, **February 22, 2019**
	(viii)	**S. Mookkan**, A Study on Optimization Techniques using Stochastic Linear Programming, Department of Mathematics, H.H. The Rajah's College (Autonomous), (Affiliated to Bharathidasan University-Tiruchirappalli), Pudukkottai- 622 001, Tamilnadu, India, **December 5, 2018**
	(ix)	**B. Usha**, Load balancing for mobility on-demand, H.H. THE Rajah's College (Autonomous B+) (Affiliated to Bharathidasan University, Tiruchirappalli), Pudukkottai – 622 001, **December 3, 2018**
	(x)	**Suvankar Biswas**, Studies on differential and integral equations in fuzzy environment Department of Mathematics, Indian Institute of Engin**eering Science and Technology, Shibpur, P.O. Botanical, Garden, Howrah-711103, India,** September 10, 2018
	(xi)	**Shakir Majid**, A Contribution to the Study on some Queueing Models with Different Types of Working Vacation, Departmetn of Mathematics, Annamalai University, Annamalai Nagar – 608 002, Tamil Nadu, India, **July 20, 2018.**
	(xii)	**Mallinath Yashwant Dhange**, Some Flow Problems in Peristalsis on Dispersion: Effects of Wall Properties, Department of Mathematics, Visvesvaraya Technological University, Belagavi (Karnataka), India, **May 30, 2018**
	(xiii)	**J. Radha**, A Study on Vacation in Retrial Queueing Models with Multi-Stages of Service, School of Advanced Sciences Office of Academic Research VTI University Vellore 632 014, Tamil Nadu, India, **March 30, 2018**
	(xiv)	**E. Rameshkumar**, A study on bulk queueing model with setup. closedown times, heterogeneous service, controllable arrivals and multiple adaptive vacations, PG & Research Department of Mathematics, Chikkanna Government Arts College (Autonomous), Bharathiar University, Tirupur – 2 Tamil Nadu, India, **March 28, 2018**
	(xv)	**Nazibuddin Ahmed**, A Study of Some MHD Heat and Mass Transfer Problems, Department of Mathematics Gauhati University, Gopinath Bardoloi Nagar, Guwahati-781014, Assam, India, **July 4, 2017**
	(xvi)	**K. Sankarasasi,** A Contribution to the Study of some Queueing Models with Second Optional Vacation, Department of Mathematics Annamalai University, Annamalainagar – 608 002, Tamilnadu, India, **February 6, 2017**
	(xvii)	**Fara Jabeen Awan**, A Study of Modifications in Recently Developed Algorithm for Nonlinear Boundary Value problems, HIEC University, Taxila, Pakistan, **March 4, 2016**
	(xviii)	**Jian Zhang**, Digital Networked Control of Non-smooth Systems, College of Engineering, Prairie View A&M University, Prairie View, Texas, USA., **November 18, 2011**
10	**MS THESES GUIDANCE/ADVISOR**	
	(i)	**Mr. Frankson Collins II**, A Mathematical Model for the National Football League, Department of Mathematics, Prairie View A&M University, Prairie View, Texas, USA , **2015**
	(ii)	**Mrs. Marcia Brown**, Cancer Cell Treatment: A Biological Experimental Design, Department of Mathematics, Prairie View A&M University, Prairie View, Texas, USA, **2013**
	(iii)	**MS Advisor**, **Mr. Kassoum Traore**, Processing Time of An Application in a Stochastic Hiring Model, Department of Mathematics, Prairie View A&M University, Prairie View, Texas USA, **2013**
	(iv)	**Mr. Adrissa Diarra**, An Up-and-Down Biased Coin Design, Department of Mathematics, Prairie View A&M University, Prairie View, Texas, USA, **2013**
	(v)	**Mr. Kareem Babajide**, Modeling and Design of "indoor situational awareness system, Prairie View A&M University, Prairie View, Texas, USA, **2012**
	(vi)	**Courtney Reyes**, Queueing Systems, Department of Mathematics, Prairie View A&M University. Texas, USA, with Dr. Michev, as Co-Advisor, **2012**

10 Continu.	**(vii)**	**Jae-Wan Park**, The Relationship between Field Saturated Hydraulic Conductivity and Percolation, Department of Mathematics, Prairie View A&M University, Texas, USA, **2009**
	(viii)	**Dana Debeau**, Department of Mathematics, Prairie View A&M University, Texas, USA, with Dr. Michev, as Co-Advisor, **2007**
11.	**UNDERGRADUATE RESEARCH ADVISOR/MENTOR**	
	(i)	**Ally Larsen** and **Sophia Lazcano,** Mentored, students for NSF REU, **summer 2021**
	(ii)	**Ibrahim Arogundade**, Undergraduate Student Research, PVAMU, **September 2020 – May 2021**
	(iii)	**Anne Rosette Bouele**, *Efficiency of the "Working Together Project*, presented at the Independent Colleges and Universities of South Carolina (ICUSC), Undergraduate Research Symposium "Show Case 99", The Roger Milliken Research and Customer Center, Spartanburg, SC, USA, **February 3, 1999**
	(iv)	**Latoya Brown**, *Relevance of the SAT in College Academic Performance: A Case Study*,. Presented at the Independent Colleges and Universities of South Carolina (ICUSC), Undergraduate Research Symposium "Show Case 97", Furman University, Greenville, SC, USA, **November 19, 1997**
	(v)	**Donovin Gleaton**, *Impact of the Million Man March on Black Owned Businesses: A Case Study*,. Presented at the Independent Colleges and Universities of South Carolina (ICUSC), Undergraduate Research Symposium "Show Case 97", Furman University, Greenville, SC, USA, **November 19, 1997**
12.	**RESEARCH PAPERS REVIEWED**	
	(i)	**Applications and Applied Mathematics: An International Journal (AAM)**
	1	**AAM R1999**, Analysis of a Markovian retrial queue with reneging and working vacation under n-control pattern, **September 23, 2022**
	2	**AAM R1984**, Analysis of $M^{[M_1]}, M^{[M_2]} / G_1, G_2^{(a,b)} / 1$ Queue with Priority Services, Server Breakdown, Repair, Modified Bernoulli Vacation, Immediate Feedback, **May 19, 2022**
	3	**AAM R1975**, MAP/PH(1), PH(2)/2 Queue with Multiple Vacation, Optional Service, Consultations and Interruptions, **April 29, 2022**
	4	**AAM R1974**, A Multi Server Markovian Working Vacation Queue with Server State Dependent Rates and with Partial Breakdown, **April 25, 2022**
	5	**AAM R1971**, Analysis of Feedback Queueing Model with Differentiated Vacations under Classical Retrial Policy, **April 11, 2022**
	6	**AAM R1899**, Asymptotic normality of the conditional hazard function in the local linear estimation under functional mixing data, **January 15, 2022**
	(ii)	**Applications of Mathematics in Engineering and Economics (AMEE)**
	1	Oscillation Criteria in First Order Neutral Delay Impulsive Differential Equations with Constant Coefficients, 34th International Conference, Sozopol (Bulgaria), 8–14 June 2008, Proceeding, published in American Institute of Physics, **August 12, 2008**
	2	Spaces of Analytic Functions Having Representations by Series of Hermite Polynomials, 33rd International Conference, Sozopol (Bulgaria), 8–14 June 2007, Proceeding, published in American Institute of Physics, **August 17, 2007**
	3	Oscillations of Some Equations and Inequalities of Second Order and Applications in Mechanics, **August 17, 2007**
	(iii)	**Applied Mathematics & Information Science (AMIS)**
	1	A new approach for obtaining initial feasible solution of Transportation Problem, **November 16, 2018**
	(iv)	**Application of Mathematics in Technical and Natural Sciences, Conference of the Euro-American Consortium in Bulgaria**
	1	Endogenous timing in a differentiated duopoly, **August 27, 2009**
	2	Capacity choice under demand uncertainty, **August 27, 2009**
	3	Hierarchical Classification and Functional Data Analysis Techniques, **September 9, 2011**
	4	Short-Time particulate Matter PM10 Forecasts using Predictive modeling Techniques, **September 22, 2013**
	(v)	**Applied Mathematical Modeling (AMM 4526), Wales,** U.K., Analyzing multiserver bulk-service finite-buffer queue, **August 15, 2006**

12 Continu.	**(vi)**	**ASME-JSME, The 6th,** A Method for reducing the errors in Fictitious Domain Methods Applied to Heat Transfer Problems, **October 8, 2002**	
	(vii)	**CECNet**	
		1	Efficiency of Multithreshold Decoders for Self-Orthogonal Codes in Unmanned Air Vehicle Communication Systems, **November 4, 2015**
		2	An Adaptive PI Active Queue Management Algorithm Based on Queue Length, **November 3, 2014**
	(viii)	**CRC, Journal of Statistical Computation and Simulation,** Comparative study of Bhattacharyya and Kshirsagar bounds in Burr XII and Burr III distributions, **January 3, 2012**	
	(ix)	**Elsevier, Computers & Industrial Engineering**, **https://ees.elsevier.com/caie/default.asp,**	
		1	Applied Mathematical Modeling, Modeling and Analysis of Markovian Queueing Systems under Delay in Service Process: A Gas Station Case Study, **October 30, 2012**
		2	European Journal of Mechanics - B/Fluids, *M/PH/C* Queue under a Congestion-Based Staffing Policy with Applications in Steel Industry Operations, **April, 2, 2018**
		3	Physica A: Statistical Mechanics and Its Applications, (PHYSA), Analysis of Random Walks with an Absorbing Barrier and Chemical Rule, **July 24, 2007**
		4	Physica A: Statistical Mechanics and Its Applications, (PHYSA), Product form solution for exponential G-networks with dependent service and completion of service of killed customers, **December 4, 2006**
		5	Two-dimensional model of nanoparticle deposition in the alveolar ducts of the human lung., **April 9, 2014**
	(x)	**The International Journal of Computers & Operations Research (COR)**	
		1	Performance Analysis of a Two-Priority Queueing System with Group Services, **01/04/1993**
		2	A Queue with Instantaneous Trinomial Feedback Process, **05/17/1993**
		3	M/M/$\phi(\cdot)$ Time Sharing Queue With Balking And Nopassing, **05/31/1994**
		4	A General Class of Control Operating Policy for an MIMI] Queue with General Startup Time, **01/02/1996**
		5	Workload and Waiting Time in a Fixed-Time Loop System, **04/15/1996**
		6	Finite Capacity Markovian Queue with Balking and Reneging, **05/06/1996**
		7	A Note on Varying the Number of States in the Arrival Process of MRIGIII Queue, **01/20/1997**
		8	Average Waiting Time of Customers in an MIDIK Queue with Nonpreemptive Priorities, **01/22/1997**
		9	On a Batch Arrival Poisson Queue with a Random Setup Time and a Vacation Period, **07/18/1997**
		10	The truncated hyperexponential service queues: $M/H_k/1/N$ with balking and reneging, **12/14/1998**
		11	A Concurrent Processing Framework for the Set Partitioning Problem, **01/11/1999**
		12	A Recursive Algorithm for Generating the Transition Matrices of Multistation Multiserver Exponential Reliable Production Lines, **07/18/1999**
		13	Maximum Number of On-Time Jobs on Parallel Identical Machines**, 03/28/2001**
		14	Performance analysis and buffer allocation in some open assembly systems, **08/13/2001**
		15	Using Minimal Cuts To Study The System Capacity For A Stochastic-Flow Network In Two-Commodity Case, **09/07/2001**
		16	Performance analysis and buffer allocation in some open assembly systems, **11/14/2001**
		17	Using Minimal Cuts To Study The System Capacity For A Stochastic-Flow Network In Two-Commodity Case, **04/09/2002**
		18	Making the Wait More Comfortable to Reduce Customer Reneging in Waiting Lines, 08/07/2002
		19	Processor shared service with queue dependent processor, **12/19/2002**
	(xi)	**Inderscience Online**,	
		1	A sustainable analysis of prawn fishery in a bounded region, **October 7, 2021**
		2	Reliability and performance analysis of a series-parallel Photovoltaic system with Human operators Using Gumbel Hougaard family copula, **July 11, 2021**
		3	Modeling and simulation of Bernoulli feedback queue with general customers' impatience under variant vacation policy, **June 8, 2020**
		4	Transient analysis of various vacation interruption policies in a Markovian queue with differentiated multiple vacations, **November 11, 2019**

12 Continu.	**(xi) Contues**	**5**	Cost Analysis of Multi-States Serial-Parallel Manufacturing System under Partial and Complete Failures, **May 2, 2018**
		6	Multi-objective simulation optimisation on discrete sets: a literature review, **October, 10, 2017**
		7	A Trinomial Vacation in Web Hosting Queueing service, Inderscience Online, **January 29, 2017**
		8	Investigating the Application of Meta-Heuristic Algorithms in Optimizing Opportunistic Maintenance: An Exploratory Study, **October 5, 2016**
	(xii)	**International Journal of Production Research (IJPR),** Outsourcing with Quality Competition: Insights from a Three Stage Game Theoretic Model, Special Issue on Modeling and Analysis of Outsourcing Decisions in Global Supply Chains **October, 11, 2008**	
	(xiii)	**International Journal of Statistics and Economic (IJSE)**	
		1	Special Issue on Modeling and Analysis of Outsourcing Decisions in Global Supply Chains, **September 16, 2018**
		2	A Class of Separate-Type Estimators for Population Mean in Stratified Sampling Using Known Parameters under Non-Response, **May 14, 2010**
	(xiv)	**International Journal of Engineering (IJE),http://www.ije.ir**	
		1	Analytical Study of Effect of Disorder on Dispersion in Steady Inertial Flows in Porous effect, **March 4, 2008**
		2	Loss and Delay Queue with State Dependent Rates Under No Passing Restriction and Discouragement, **January 12, 2008**
	(xv)	**International Journal of Operations Research (IJOR)**	
		1	Multi-objective simulation optimization on discrete sets: a literature Review, **October, 8, 2017**
		2	Transient analysis of an *M*/*M*/*c* queuing system with retention of reneging customers, **October 6, 2016**
	(xvi)	**JBS-SI (Special Issue),** The Mathematical Reasoning Requirements in Upper Secondary Level Assessments, **September 11, 2013**	
	(xvii)	**JJMIE (Jordan Journal of Mechanical and Industrial Engineering),**	
		1	Mathematical Models for the Analysis and Comparison of Mean Time to System Failure of Multi-States Series-Parallel System, **February 22, 2016**
		2	Using D-Optimal Approach and Genetic Algorithm towards Optimization of EDM Process Parameters for an Experimental Study on Inconel 718 Super Alloy, **December 2, 2015**
	(xviii)	**JAFM (Journal of Applied Fluid Mechanics)**	
		1	Peristaltic Transport of Herschel-Bulkley Fluid Caused by Dilating Peristaltic Waves, **May 27, 2017**
		2	Rotary Isolation of micropolar fluid sphere in concentric spherical Container, Journal of Applied Fluid Mechanics, **July 27, 2016**
		3	Applied Lagrangian Stochastic Model for Stratified Turbulence Submitted to an Horizontal Shear: Richardson Number Effects, **January 27, 2016**
		4	MHD Boundary Layer Flow of an Incompressible Upper-Convected Maxwell Fluid by Optimal Homotopy Asymptotic Method, **2/26/2015**
	(xix)	**Journal of Data Analysis and Operations Research of Bahrain (JDAOR), Natural Science Publishing**	
		1	Effective Minimal Spanning tree using Fussy C-means based Kernel Function in Data Analyzing, **December 21, 2013**
		2	An iterative robust method for labelling continuous data, **May 1, 2013**
		3	Local Depth for Functional Data, **May 17, 2013**
	(xx)	**JKSUS (Journal of King Saud University – Science)**	
		1	New extension of Burr type X distribution properties with application, **February 23, 2017**
		2	New extension of Burr type X distribution properties with application, **January 28, 2017**
	(xxi)	**JMM (Journal of Mathematical Modeling)**	
		1	Moment Properties of Lower Record Values from Generalized Inverse Weibull Distribution and Characterization, **December 3, 2020**
		2	Rayleigh distribution in multicomponent reliability model, **October 30, 2020**
		3	On the Complete Convergence of Channel Hardening and Favorable Propagation Properties in Massive-MIMO Communications Systems, **July 27, 2019**
		4	Influence of Awareness Programs by Media in the Typhoid Fever: A study based on mathematical modeling, **October, 2, 2017**

12 Continu.	**(xxi) Continues**	**5**	Solving the Laplace's Equation for Different Aspect Ratios of the Rectangular and Elliptical Computational Domains by using BEM, **April, 28, 2017**
	(xxii)	**Journal of Mahani Mathematical Research JMMRC Kerman**	
		1	**JMMR-2207-1303**, Quantitative and stability study of the evolution of a viscoelastic body, **September 7, 2022**
		2	**JMMR-2207-1300,** Mathematical modeling of heat transfer over a stretching surface in porous medium and solving it with numerical methods, **July 14, 2022**
	(xxiii)	**Journal of Ocean Engineering and Science,** Shifted Chebyshev Polynomials Based Solution of Partial Differential Equations, **August 2, 2018**	
	(xxix)	**Journal of Statistical Research of Iran (JRSI),** Limit Analysis of Oscillating Batch Arrival $M^{[X]}/G/1$ Systems with Finite Capacity: EMC Approach, **April 2, 2012**	
	(xxx)	**Journal South East Asian Journal of Mathematics and Mathematical Sciences**	
		1	**SEAJMMS 1319,** Fuzzy Queuing Model Using DSW Algorithm With Dodecagonal Fuzzy Number, **April 28, 2022**
		2	**SEAJMMS 947**, Closed Queueing Network Two Servers with Repairman, **August 6, 2021**
		3	**SEAJMMS 677**, An Application of Queuing Theory to Gandhinagar Lok Sabha Constituency in the Lok Sabha General Election-2019, **February 13, 2021**
	(xxxi)	**Journal of Taibah University** for Science, Modeling of magneto – thermo - elastic carbon nanotube based mass sensors conveying pulsating viscous fluid via Haar wavelet method, **June 04, 2021**	
	(xxxii)	**National Council for Teachers of Mathematics (NCTM),** (jrme@ntcm.org), The Mathematical Reasoning Requirements in Upper Secondary Level Assessments, **November 18, 2008**	
	(xxxiii)	**OMEGA**, The special issue on Logistics, **June 22, 2006**	
	(xxxiv)	**PJSOR,** Cost analysis of batch arrival multi-server queueing system with waiting servers, synchronous working vacations and impatient customers, **February 3, 2020**	
	(xxxv)	**ScienceAsia,** Performance Analysis of Queueing System with Multiple Delayed Vacations, **June 27, 2021**	
	(xxxvi)	**Mathematical Review (MR), American Mathematical Society (AMS)**	
		1	**MR4388922,** Convergence rates of two-component MCMC samplers, **June 17, 2022**
		2	**MR4379594**, Distributionally Robust Inverse Covariance Estimation: The Wasserstein Shrinkage Estimator, **June 3, 2022**
		3	**MR4262087**, The effect of information on queue-scalping service systems, **August 23, 2021**
		4	**MR4262087**, The effect of information on queue-scalping service systems, **July 29, 2021**
		5	**MR4175460**, Analysis of the symmetric join the shortest orbit queue, **May 26, 2021**
		6	**MR4156710**, Analysis of a bulk service queue with unreliable server, multiple vacation, overloading and stand-by server, **February 13, 2021**
		7	**MR4057224**, Optimum cost analysis for a *Geo*/*Geo*/*c*/*N* feedback queue under synchronous working vacations and impatient customers, **December 16, 2020**
		8	**MR4064654**, On the optimal control of loss probability and profit in a *GI*/*C*-*BMSP*/1/*N* queueing system, **September 20, 2020**
		9	**MR3927637**, Time to Start a Crowded Period in a Finite-Buffer Queue with Poisson Input Flow and General Processing Times, **March 13, 2020**
		10	**A sequential update algorithm for computing the stationary distribution vector in upper block-Hessenberg Markov chains,** Springer Science+Business Media, LLC, part of Springer Nature 2019, corrected publication 2019, **12/10/2019**
		11	**The Supermarket Model with Bounded Queue Lengths in Equilibrium,** J Stat Phys (2018) 173:1149–1194, https://doi.org/10.1007/s10955-018-2044-7, Published online: 28 April 2018, **12/10/2019**
		12	Fluid Limit of a PS-Queue with Multistage Service, *Probability in the Engineering and Informational Sciences*, **33**, 2019, 1–27, doi:10.1017/S0269964817000456, **August 29, 2019**
		13	Analysis of queueing model with processor sharing discipline and customers, Impatience, Operations Research Perspectives, Operations Research Perspectives 5 (2018) 245–255, **06/21/2019**
		14	Equilibrium queueing strategies of two types of customers in a two-server queue, Operations Research Letters 46 (2018) 99–102, **02/10/2019**

12 Continu.	**(xxxvi) Continu.**	**15**	Network Identification with Latent Nodes via Autoregressive Models, Digital Object Identifier 10.1109/TCNS.2017.2754372, **11/09/2018**
		16	Optimal heavy-traffic queue length scaling in an incompletely saturated switch. *Queueing Syst.* (2018) 88:279–309, **07/12/2018**
		17	Analysis of the BMAP/PH/ *N* queueing system with backup Servers, Applied Mathematical Modelling 57 (2018) 64–84, **07/11/2018**
		18	A note on the optimal pricing strategy in the discrete-time Geo/Geo/1 queuing system with sojourn time-dependent reward, Operations Research Perspectives, **04/26/2018**
		19	Minimization of the coefficient of variation for patient waiting system governed by a generic maximum waiting policy, **04/04/2018**
		20	Robust scheduling for flexible processing networks, **11/4/2017**
		21	A sufficient condition for the subexponential asymptotics of *GI*/*G*/1- type Markov chains with queueing applications**, 04/26/2017**
		22	A *Geo* / *G* /1 retrial queueing system with priority services, European Journal of Operational Research, 256 (2017) 178–186, Stochastics and Statistics, Elsevier, **02/02/2017**
		23	On the Discrete-Time *Geo*/*G*/1 Queue with Vacations in Random Environment, Hindawi Publishing Corporation, Discrete Dynamics in Nature and Society, Volume 2016, Article ID 4029415, 9 pages, **11/26/2016**
		24	Optimal balking strategies for high-priority customers in *M*/*G*/1 queues with 2 classes of customers, J. Appl. Math. Comput. (2016) 51:623–642, **09/25/2016**
		25	Two-choice regulation in heterogeneous closed networks, Queueing System, 2016, 82, pp. 173–197, Springer**, 07/20/2016**
		26	Analysis of a clearing queueing system with setup time, RAIRO-Oper. Res. 49 (2015) 67–76**, 03/12/2016**
		27	Robust Queueing Theory, JOURNAL OF Operations Research Vol. 63, No. 3, May-June 2015, pp. 676-700**, 11/24/2015**
		28	Analysis and performance optimization of a Geom/G/1 queue with general limited service and multiple adaptive vacations, *Pac. J. Optim.* **11** (2015), no. 1, 57--78. 60K25 (90B22), **09/22/2015**
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		30	Analysis of an *MMAP*/*PH*/1, *PH*/2/*N*/∞ queueing system operating in a random environment, Int. J. Appl. Math. Comput. Sci. 24 (2014), no. 3, 485 – 501, **04/01/2015**
		31	Performance Analysis of the retail queues with finite number of sources and service interruptions, J. Korean Statist. Soc. 42 (2013), no. 1, 117-131, **02/21/2015**
		32	Optimal admission control for two station tandem queues with loss, http://dx.doi.org/10.1016/j.orl.2014.04.006 0167-6377/© 2014 Elsevier B.V., **12/03/2014**
		33	Validity of heavy-traffic steady-state approximations in multiclass queueing networks, Informs (mathematics of Operations Research): *Math. Oper. Res.* **39** (2014), *no.* 1, 121-162, **07/18/2014**
		34	The $M^x/G/1$ Queue with Unreliable Server, Delayed Repairs, and Bernoulli Vacation Schedule under *T*-Policy, AAM Intern. J., Vol. 8, Issue 2 (December 2013), pp. 346 – 365**, 06/11/2014**
		35	Statistical analysis with Little's law, *Oper. Res.* **61** (2013), *no.* 4, 1030-1045, *Oper. Res.* **61** (2013), *no.* 4, 1030-1045. **03/26/2014**
		36	Closed queueing networks under congestion: nonbottleneck independence and bottleneck convergence, *Math. Oper. Res.* **38** (2013), *no.* 3, 469-491, **03/14/2014**
		37	The Multi-class FIFO *M*/*G*/1 queue with exponential working vacations, *J. Oper. Res. Soc. Japan* **56** (2013), *no.* 2, 111-136, **03/12/2014**
		38	Markov chains competing for transitions: application to large-scale distributed systems, Methodol. Comput. Appl. Probab. 15 (2013), no. 2, 305-332, **12/21/2013**
		39	Analysis of the Finite-Source Multiclass Priority Queue with an Unreliable Server and Setup Time, *Naval Research Logistics*, Vol. 60 (2013), 2013 Wiley Periodicals, Inc. **09/30/2013**
		40	Repair systems with exchangeable items and the longest queue mechanism, Queueing Syst. 73 (2013), no. 3, 295-316, **07/08/2013**

12 Continu.	**(xxiii) Continu.**	**41**	Asymptotic Irrelevance of Initial Conditions for Skorohod Reflection Mapping on the Nonnegative Orthant, Mathematics of Operations Research, Vol. 37, No. 2, May 2012, pp. 301-312, **02/02/2013**
		42	Time-dependent analysis for a queue modeled by an infinite system of partial differential equations, Sci. China Math. 55 (2012), no. 5, **12/02/2012**
		43	Statistical analysis of single-server loss queueing systems, Methodol. Comput. Appl. Probab. 13 (2011), no. 4, **06/20/2012**
		44	Queueing systems with synergistic servers, EN (English summary), Oper. Res 59 (2011), no.3, 772-780, **03/06/2012**
		45	Dynamic Pricing and Scheduling in a Multi-class Single-server Queueing System, Queueing Syst (2011) 67: 305–331, DOI 10.1007/s11134-011-9214-5, **01/03/2012**
		46	Large number of queues in tandem: scaling properties under back-pressure algorithm, *Queueing Syst.* **67** (2011), no. 2, 111--126. 90B22 (60K25 60K35 68M20 90B15), **08/16/2011**
		47	Some Results for the actual waiting time in batch arrival queueing systems, *Stochastic Models* **26** (2010), *no*. 3, 335-356, Taylor & Francis Publishers, **06/18/2011**
		48	Sensitivity to service time in infinite-server system, *J. Oper. Res. Soc. Japan* **53** (2010), *no*. 1, 1 19, **10/09/2010**
		49	A fluid model for a relay node in an ad hoc network: the case of heavy-tailed input, Math Meth Oper Res (2009) 70:357–384, DOI 10.1007/s00186-008-0272-3 **07/09/2010**
		50	On the loss process in a batch arrival queue, **10/02/2009**
		51	The effects of the availability of waiting-time information on a balking queue, **08/20/2009**
		52	Lattice path approach to busy period density of queueing system $C_2/C_2/1$, **05/05/2009**
		53	Strong stability of queues with multiple vacation of the server, *Stoch. Anal. Appl.* **26** (2008), no. 3, 665--678. 60K25 (60J25 62L20 90B22), **08/14/2008**
		54	Multiple eigenvalues in spectral analysis for solving QBD processes**,** *Methodol. Comput. Appl. Probab.* **10** (2008), *no* 1, 73- 83, **06/10/2008**
		55	Exact waiting time and queue size distributions for equilibrium *M*/*G*/1 queues with Pareto service, Queueing Syst (2007) 57: 147–155, DOI 10.1007/s11134-007-9052-7, **05/27/2008**
		56	Structural results on a batch acceptance problem for capacitated queues, Math. Meth. Oper. Res. (2007) 66: 263–274, DOI 10.1007/s00186-006-0137-6, /Published online: 18 January 2007, Springer-**03/27/2008**
		57	A fluid system with coupled input and output, and its application to bottlenecks in ad hoc network, Queueing Syst (2007) 56: 79–92, DOI 10.1007/s11134-007-9034-9, Received: 6 March 2006 / Revised: 16 May 2007 / Published online: 19 June 2007, Springer Science+Business Media, LLC, 2007**, 02/03/2008**
		58	The discrete-time *GI*/*Geo*/1 queue with working vacations and vacation interruption, *Adv. Math. Comput.* **185** (2007), *no* 1, 1- 10, **08/13/2007**
		59	Heavy Traffic Limits Via Brownian Embedings, Probability in the Engineering and Informational Sciences, 20, 2006, 595-598. Printed in the U.S.A. , **06/26/2007**
		60	Improved algorithm for rate event simulation with heavy tails, *Adv. In Appl. Probab.* **38** (2006), *no* 545- 558, **05/07/2007**
		61	Product form solution for exponential *G*-networks with dependent service and completion of service of killed customers, *Comput. Mang. Sci.* **3** (2006), *no*. 3, 177-192. (Published online: 11 July 2006, Springer-Verlag 2006), **11/28/2006**

13.	**OTHER TYPES OF REVIEWERS**	
	1	National Defense Science and Engineering Graduate (NDSEG), **2019, 2020**
	2	NSF Panelist, **2017**
	3	SAGE Open Reviewer, **2016**
	4	Science, Mathematics, & Research for Transformation, SMART, National Defense Education, DoD, **2017, 2018**
	5	U.S. Environmental Protection Agency (EPA) Science to Achieve Results (STAR), **2015**

14.	**PROFESSIONAL MEMBERSHIPS**		
	(i)	**CURRENT**	
		1	American Mathematical Society (AMS), Lifetime Member since 2006
		2	International Society of Difference Equations, Member since July 2007
		3	South Carolina Academy of Sciences (SCAS), 1985 – Present, Lifetime Member since 2015
		4	The Society for Industrial and Applied Mathematics (SIAM), Lifetime Member since 2005
	(ii)	**PAST**	
		1	Association for Supervision and Curriculum Development (ASCD), 2000 - 2004
		2	Council on Undergraduate Research, January 27, 1997 – 2009
		3	Institute of Mathematical Statistics (IMS)
		4	Iranian Mathematical Society (IMS)
		5	Mathematical Association of America (MAA)
		6	National Council of Teachers of Mathematics (NCTM), 1998 – 2004, 2006 – 2009
		7	Operation Research of America (ORSA)
		8	Texas Association of College Teachers (TACT), 2003 – 2004
		9	The Scientific Research Society (Sigma XI), 1996 - 1999

15.	**TEACHING EXPERIENCE**	
	I have taught at both undergraduate and graduate levels leading to bachelor and master degrees in traditional format, and Ph. D. degree level by distance. I have taught vast variety of courses in mathematics, probability, and statistics since 1968 in Iran, Canada and the United States of America (California, South Carolina and Texas), such as:	
	(i)	**at undergraduate level:**
		College Algebra, trigonometry, Calculus sequence, Business Statistics, Probability and Statistics, Mathematical Statistics, Linear Algebra, Modern Algebra, Complex variables, Differential Equations, Vector Calculus; and Advanced Math for Engineers
	(ii)	**at graduate level:**
		Set Theory, Analysis (Real and Complex), Measure Theory, Mathematical Statistics, Theory of Inference, Stochastic Processes, Probability, Queueing Theory and Operations Research

16.	**COURSE/DEGREE DEVELOPED/CERTIFIED AND WORKSHOP CONDUCTED**	
	(i)	Differential Equations course for **online offering**, certified, **June 25, 2021**
	(ii)	ACUE, Teaching Online Certified, **May2021**
	(iii)	Received 2 certificate of online teaching from PV CIITS (a) Getting Ready for Quality Matters Workshop (**GRQM**), **June 4, 2021** (b) Introduction to Teaching Online (**ITO**), **May 28, 2021**
	(iv)	New Mathematics Graduate Certificate, **August 2020**
	(v)	New graduate degree program, **MS in Statistics, October 2018**
	(vi)	New graduate degree program, **MS in Mathematical Science,** in the department of mathematics at Prairie Vire A&M University. This is an *eighteen-month master program with three focuses:* (1) *Applied Statistics*, (2) *Mathematical Biology*, and (3) *Space Engineering Science*. Pending for approval. Expected implementation date, **Spring 2015**
	(vii)	**MBMT Degree,** a combined five-year program starting from undergraduate through a Bachelor degree leading to Master's in Mathematics Teaching degree program, in the department of mathematics at Prairie Vire A&M University. Pending for approval. Expected implementation date, **Spring 2015**
	(viii)	**Developed** a course called Advance Mathematics for Engineers. This is a 5semster credit hour course to be taught in one semester. It is a combination of topics in advanced mathematics, probability, statistics and stochastic processes. Drs. Jian-ao Lian and Dimitar P. Michev are collaborated in this effort. The course began being offered in the fall 2008 for engineer majors for the first time. The contents are published as a book by Nova Publishers, Inc.
	(ix)	Conduct a workshop on the "**Reverse Traditional/Hands-on (RTHO) Method of Teaching Statistics**" at the Thirteenth National HBCU Faculty Development Symposium, sponsored by the Texas Southern University and Prairie View A&M University, Double Tree Hotel Downtown, Houston, Texas, October 20, 2006. Drs. Wetiba and Shayib were co-conductors.
	(x)	Participated in **developing, approval and implementation** of contemporary College Algebra, **Math 1103**, for students not needing calculus sequence courses at Prairie View A&M University, 2003 – 2005

	(xi)	**Developed** a complete course material, version 9, including syllabi, sample exam, exam and solutions for a doctorate level statistics course (**MIS 730**) for Kennedy-Western University (a distance learning institution) located in California, November 2004
	(xii)	**Developed** a complete course material for an online graduate level course Topics in Applied Stochastic Processes (**Math 5733**) for Prairie View A&M University (a distance learning course), January 2003
	(xiii)	**Developed** a complete course material including syllabi, sample exam, exam and solutions for an undergraduate level quality control course (**QC 135**) for Kennedy-Western University (a distance learning institution) located in California, March 2002
	(xiv)	**Developed** a complete course material including syllabi, sample exam, exam and solutions for an undergraduate/senior level statistics course (**HA 410**) for Kennedy-Western University (a distance learning institution) located in California, September 2001
	(xv)	The South Carolina Academy of Science Junior Academy (Midlands MESAS) **Fall Workshop**, Benedict College, October 24, 1998. Conducted two workshops on statistics
	(xvi)	**Revised the Program of Studies** in Mathematics and Mathematics Education at Benedict College in accordance with the South Carolina Framework and the College adapted it in 1996. It was implemented in the spring semester of 1997
16 Continu	**(xvii)**	A colleague of mine (Late Professor Dale Brekke) and I **organized and co-chaired a one-day workshop** (November 30, 1993) to determine what mathematics our undergraduates in various disciplines need enter to the job market after they graduate. The participants consisted of faculty and representatives of business, government and industry. The workshop was well received. As a result, general math courses were developed and implemented as they are today
	(xviii)	**Conducting Calculus Excellence Workshop** each semester from fall of 1992 to Spring 2002 for Calculus I course at Benedict College. This workshop is part of a five-year NSF grant to the state of South Carolina that is now in its second five-year period. Benedict College is one of the host-institutions. The purpose is to train minority undergraduate students for graduate programs in mathematics, science, and engineering. I have tried different methods of conducting these workshops in order to find the best custom-made method for Benedict College students and students of similar institutions. So far the results have been astonishingly good
17.	**PROFESSIONAL PRESENTATIONS**	
	(i)	**Guest Speaker,** First International Conference on Mathematics and Computation, October 22-23, 2021. A *MAP* Single-server Service Queueing System with Splitting and varying Batch Size Delayed-Feedback, **October 22, 2021**
	(ii)	**Guest Speaker**, The 8th International Conference on Lattice Path Combinatorics and Applications, California Polytechnic State University Pomona, CA), August 17 – 20, 2015, Professor Lajos Takács: Life and Contribution to Combinatorics, **August 17, 2015**
	(iii)	Stochastic Three-stage Hiring Model as a Tandem Queueing Process with Bulk Arrivals and Erlang Phase-Type Selection, $M^X/M^{(k,K)}/1 - M^Y/E_r/1 - \infty$, Prairie View A&M University, Colloquim, September 21, 2012
	(iv)	Stochastic Three-stage Hiring Model as a Tandem Queueing Process with Bulk Arrivals and Erlang Phase-Type Selection, Texas A&M University-College Station, Mini Symposium, **August 4, 2012**
	(v)	Single-Processor, Exponential General Bulk Processing $[M/M^{(k,K)}/1]$ and Splitting Queueing System: A Mathematical Model for a Personnel Hiring Process. AMS Annual Joint Meeting, New Orleans, Louisiana, Special Session (Meeting # 1067): Math modeling in Environment and Economics I (# 49 A). January 6 – 9, 2011
	(vi)	Department of Mathematics, Prairie View A&M University, Colloquium, Poisson Arrival, Single-processor, Exponential General Bulk Processing [*M*/*M*(*a*,*b*)/1] and Splitting Queueing System, A mathematical Modeling for a Personnel Hiring Process, December 4, 2009
	(vii)	The Joint Meeting of AMS, SIAM and MAA, A Single-server Poison Queueing System with Splitting and Delayed Batched Feedback (Case $k = N = 1$). Washington, DC, January 3-9, 2009.
	(viii)	Applications of Mathematics in Engineering and Economics, 33rd International Conference, Sozopol (Bulgaria), 8–14 June 2007
	(ix)	The Joint Meeting of AMS, SIAM and MAA, New Orleans, LA, January 5-8, 2007, Delayed-Service *M*/*M*/*c* Queuing System. Scheduled session number 1023-60-239
	(x)	Texas Association of Academic Administrators in the Mathematical Science, October 6-7, 2006, Waco, Texas

16 Continu	**(xi)**	SIAM Parallel Processing for Scientific Computing, San Francisco, CA, 2/22 – 24, 2006. Chaired the session on Scheduling, CP14, and presented paper entitled Parallel Priority Queueing System with Balking and Reneging
	(xii)	The Joint Meeting of AMS, SIAM and MAA, San Antonio, TX, January 12-15, 2006, Busy Period of a Delayed-Service *M*/*M*/*c* Queuing System
	(xiii)	Mathematics Department Colloquium, April 4, 2005, A Queueing System with Delayed-Service, Prairie View A&M University, Prairie View, TX
	(xiv)	5th Annual Chancellor's Invitational Conference fort the Academy for Educator Development, June 24 – 26, 2004, Houston, TX
	(xv)	30th Jubilee International Conference on Application of Mathematics in Engineering and Economics, June 7 – 12, 2004, Sozopol, Bulgaria
	(xvi)	AMS VI Joint International Meeting, May 13 – 15, 2004, Houston, TX
	(xvii)	The Joint Meeting of AMS and MAA, San Diego, California, January 6-9, 2002
	(xviii)	The Annual Meeting of the Society for Industrial and Applied Mathematics (SIAM), San Diego, CA, July 9 - 13, 2001
	(xix)	The Joint Meeting of AMS and MAA, New Orleans, Louisiana, January 9-12, 2001
17 Continu.	**(xx)**	The Annual Meeting of the South Carolina Academy of Science. Lander University, Greenwood, SC, April 30, 1999
	(xxi)	Living the Questions, The University of South Carolina (USC) teacher-Researcher Conference. USC College of Education, September 26, 1998
	(xxii)	Annual Meeting of the SCAS. Clemson University, Clemson, SC, March 20, 1998
	(xxiii)	The International Institute for General Systems Studies, The Second Workshop. Southwest Texas State University, San Marcos, TX, January 9 - 11, 1997
	(xxiv)	Annual Meeting of the SCAS. Charleston, SC, March 29, 1996
	(xxv)	International Conference on Applied Probability and Time Series Analysis, Athens, Greece, March 22-26, 1995
	(xxvi)	14th International Association for Mathematics and Computers in Simulation (IMACS) World Conference on Computation and Applied Mathematics, Georgia Institute of Technology, Atlanta, GA, July 11 - 1 5, 1994
	(xxvii)	The Annual Meeting of the Society for Industrial and Applied Mathematics (SIAM), Philadelphia, Pennsylvania, July 12-16, 1993
	(xxviii)	The Annual Meeting of the South Carolina Academy of Science, University of South Carolina, Columbia, S. C., 1993
	(xxix)	The 10th Annual Joint Summer Research Conference in the Mathematical Sciences. Sponsored jointly by American Mathematical Society, Institute of Mathematical Statistics, and Society for Industrial and Applied Mathematics. Mount Holyoke College, South Hadley, Massachusetts, July 18-24, 1992
	(xxx)	The twenty-fifth Annual Winter Simulation Conference (WSC), Arlington, VA, December 13-16, 1992
	(xxxi)	The Annual Meeting of the South Carolina Academy of Science, University of South Carolina, Coastal Carolina College, Conway, S. C., 1992
	(xxxii)	The Second International Conference on Applied Mathematics and Industry (ICIAM), Washington, DC, 1991
	(xxxviii)	The Annual meeting of the Statistical Society of Canada (SSC), University of Toronto, Toronto, Ontario, Canada, 1991
	(xxxiv)	The Annual Meeting of the South Carolina Academy of Science, University of South Carolina at, Spartanburg, SC, 1991
	(xxxv)	Twentieth Annual Pittsburgh conference on Modeling and Simulation, University of Pittsburgh, Pittsburgh, Pennsylvania, 1989
	(xxxvi)	Annual Meeting of the South Carolina Academy of Science, University of South Carolina, Columbia, SC, 1989
	(xxxvii)	The Annual Meeting of the South Carolina Academy of Science, South Carolina State University, Orangeburg, SC, 1988
	(xxxviii)	The 60th Annual Meeting of the South Carolina Academy of Science, University of South Carolina, Columbia, South Carolina, 1987
	(xxxix	Eighth Conference on Stochastic Processes and Their Applications. Canberra, Australia, 1978

18.	**PROFESSIONAL CONFERENCE PARTICIPATION AS A GUEST SPEAKER, KEYNOTE SPEAKER, CHAIR, PRESIDER, MODERATOR, OR EXHIBITOR**	
	(i)	The Joint Meeting of AMS, SIAM and MAA, Baltimore, Maryland, January 14-16, 2019
	(ii)	**Guest Speaker**, The 8th International Conference on Lattice Path Combinatorics and Applications (August 17 – 20, 2015,California Polytechnic State University Pomona, CA), Professor Lajos Takács: Life and Contribution to Combinatorics
	(iii)	**Guest Speaker** for the Eighteenth Annual Mathematics Conference of Bangladesh Mathematics Society, Dhaka, Bangladesh, December 2013
	(iv)	**Guest Speaker** for the Quality Education for Minorities (QEM) Network: A Workshop on the Integration of Mathematics into Lower Division Science Courses, Memphis, TN, October 1-2, 2010
	(v)	**Session Chair** for CP17, 2008 SIAM Annual Meeting, San Diego, California, July 10, 2008
	(vi)	**Keynote Speaker**, Applications of Mathematics in Engineering and Economics, 33rd International Conference, Sozopol (Bulgaria), 8–14 June 2007
18 Continu	**(vii)**	**Moderator** for a one-hour session, 1C STH, Group I, at the Thirteenth National HBCU Faculty Development Symposium, sponsored by the Texas Southern University and Prairie View A&M University, Double Tree Hotel Downtown, Houston, Texas, October 20, 2006
	(viii)	SIAM Parallel Processing for Scientific Computing, San Francisco, CA, 2/22 – 24, 2006. **Chaired the Session** on Scheduling, CP14
	(ix)	The Annual Meeting of the Society for Industrial and Applied Mathematics (SIAM), Atlanta, GA, May 11 - 16, 1999. **Exhibitor**
	(x)	The 77th Annual Meeting of the National Council of Teachers of Mathematics (NCTM). San Francisco, California, April 22 - 24, 1999. **Presider**
	(xi)	Shaping the Future of Undergraduate Science, Mathematics, Engineering and Technology Education (A Regional Conference of the National Science Foundation), Columbia, SC, February 20, 1998. **Invited Exhibitor**
	(xii)	The Fifth Conference on the Teaching of Mathematics. Sponsored by John Wiley & Sons, The National Science Foundation and The Calculus Consortium Based at Harvard University. Baltimore, MD, June 21 and 22, 1996. **Chair of a Session and Presenter**
	(xiii)	Department of Mathematics, Kent State University, Kent, Ohio, 1686. Guest Speaker
19.	**SPECIAL TRAININGS**	
	(i)	All required training online by Texas A&M System during every year and updates for faculty and department head since 2003
	(ii)	**Southern Association of Colleges and Universities (SACS) Annual Meeting**, December 7 – 12, 2007, New Orleans, Louisiana
	(iii)	**Southern Association of Colleges and Universities (SACS) Annual Meeting**, December 9 – 12, 2006, Orlando, Florida
	(iv)	Attended the **Recruiting and Retaining a Diverse Workforce** training Workshop, April 6, 2006, conducted by Cathy Fyock, A&M System Building, Rooms 1105 A-D. Received a certificate for completing the 7-hours course, signed by Dr. Joni E. Baker, Manager, Equal Opportunity
	(v)	Participated in the **Leading Effectively in a Diverse Environment Meeting** at the Collaboration for the Advancement of College Teaching and Learning Conference, 10/18 - 19/05, Bloomington, Minnesota
	(vi)	Participated and received a certificate for **Dealing Effective with Unacceptable Employee Behavior**, Professional Development and Lifelong Learning, Inc., 10/7/05
	(vii)	Participated and received a certificate for **Raising Awareness of Record Retention, sponsored by** Texas A&M University System Office of Policy Implementation and Compliance, at Prairie View A&M University, April 14, 2005, Prairie View, TX
	(viii)	Academy for **Educator Development Conference**, Houston, TX, April 28, 2004
	(ix)	Participated in the **Training Program for Department Heads**, sponsored by Prairie View A&M University, August 19, 2003, Prairie View, TX
	(x)	Participated in the **Training Program for Web Advisement and Registration**, sponsored by Prairie View A&M University, June 26, 2003, Prairie View, TX
	(xi)	Participated in the **Contemporary College Algebra Workshop**, May 29 – 31, 2003, Cy-Fair College, Houston, TX

19 Continues	**(xii)**	Participated in the **Supervisory/Management Training** conducted at Prairie View A&M University, February 26, 2003, Prairie View, TX
	(xiii)	Completed a short course on **WebCT**, October 28, 2002
	(xiv)	Participated in a **Short Course: Mathematical Software - Matlab, Mathematica, and Maple** - Sunday, July 8, 2001, 9:00 am – 5:00 pm, organized by Cleve Moler, Chairman and Chief Scientist and original author of Matlab, in San Diego, CA
	(xv)	Successfully completed the requirements of a **Modeling Dynamic Systems with Simulink**, a two-day **training workshop** conducted by the MathWroks Inc., Washington, DC, February 28 - March 1, 2001. A certificate was received
	(xvi)	Participated in a two-days **College Algebra Workshop** sponsored by the Consortium for Mathematics and its Applications, February 24 – 24, 2001, Benedict College, Columbia, SC
	(xvii)	**Winter Simulation Conference** (WSC), Atlanta, GA, December 7 - 10, 1997. Training Sessions Attendee
20.	**OTHER SERVICES AND EXPERIENCES**	
	(i)	**Departmental Liaison** to the Mathematical Association of America (MAA), 2005 – 2020
	(ii)	As a community service, I serve on the **Academy for Science and Health Professionals Advisory Committee**, 2002 – 2005, Conroe, Texas
	(iii)	As a community service, I participated as a **Panelist** in a Student Association Cultural Diversity Forum, February 26, 2001, Benedict College, Columbia, SC
	(iv)	**Representing Benedict College** in the **Year 2000 Conference** sponsored by the U. S. Department of Education, White House Initiative on HBCU's, and Office of Student Financial Assistance, August 13, 1999. Research and Education Center, Clark Atlanta University, Atlanta, Georgia
	(v)	Participated in the **Year 2000 Seminar** (a one-day program) conducted by the South Carolina Chamber of Commerce, March 12, 1999. Embassy Suites Hotel, Columbia, South Carolina
	(vi)	As a professional and community service, I **served on** the selection committee to evaluate middle/secondary applications for the **Presidential Awards for Excellence in Mathematics and Science Teaching**. Invited through the State of South Carolina Department of Education (Ms. Marjorie Clayton), 1999
	(vii)	As a community service, I, as the **Guest Speaker**, gave a speech at the **Naturalization Ceremony**, Federal Court, Columbia, South Carolina, November 13, 1998 (Higher Education in the USA), July 23, 1999 (Cultural Diversity), and April 14, 2000 (Even Freedom Has Boundaries)
	(viii)	Through an internal small grant, I invited Professor S. G. Mohanty from McMaster University, Hamilton, Ontario, Canada, for a four days visit to Benedict, April 16, 1998 – April 19, 1998. During his visit, Emeritus Professor Mohanty gave a talk to students and faculty on Random Walk in Adaptive Design. Together with Professor Mohanty and Professor S. Durham of the University of South Carolina, we brainstorm a new line of research on a Clinical Trail
	(ix)	Served as the **Technical Manager** (Underwriter) of Tehran and National Insurance companies, Tehran, Iran, 1976-78
	(x)	I served as the **President** of Iran-American Society at San Francisco State University, 1966 – 1968
	(xi)	I served as the **Social Chairman** of the Iranian Student Association of California, 1966 – 1967
21.	**INVOLVEMENT IN GRANT PROPOSALS**	
	(i)	**BP STAT**
		The project BP STAT (Benedict Precollege Statistics) that I initiated and am directing is now in its third year of implementation. It will terminate on December 31, 1998. Teaching statistics to the 10^{th} or 11^{th} grade high school students, using computer and graphing calculator is a unique program nationwide. This is, in fact, why the National Science Foundation funded the proposal as part of the Young Scholars Program
	(ii)	I was one of the three faculty members from Benedict College involved in a planning grant for the amount of $100,000 from the U. S. Department of Commerce (EduLINK) to establish a distance-learning project with Loyola Marymount University, L. A., California, and Sinte Gleska University, Rosebud, South Dakota, 1994

21 Conti	**(iii)**	I am a faculty member of South Carolina Alliance for Minority Participation (SC AMP) project, since 1993. This grant is awarded to the State of South Carolina for the amount of $5,000,000 for a period of five years. It has been renewed for the second 5 years

22. FUNDED/PENDING GRANT PROPOSALS

	Date	Source	Amount	Title	With
(i)	December 01, 2021 through May 31, 2023	Research Grants on Education: Small Spence Foundation 625 N Michigan Ave #1600, Chicago, IL 60611	$50,000	Project-Based Learning in a College-Level Probability and Statistics Course	Dr. Indika. PI Dr. Haghighi. Co-PI Dr. Burnett, Co-PI
(ii)	Summer 2017	PVAMU-Mini Grant	$20,000	Another Improvement of the Up-and-Down Design for Phase 1 Clinical Trials	Dr. Indika
(iii)	Summer 2016	PVAMU-Mini Grant	$20,000	Single–server queueing system with splitting and batch delayed-feedback with general distribution	Dr. Michev
(iv)	Summer 2015	PVAMU-Mini Grant	$20,000	Teaching and Learning Fundamental Concepts of Mathematics and Statistics through Development of Apps Texas' Complete College America (CCA)	Dr. Lian
(v)	June 2013	Texas Higher Education Coordinating Board	$36,000	FOCUS (**F**undamentals **o**f **C**onceptual **U**nderstanding & **S**uccess) Project	
(vi)	November 2012	National Science Foundation	$ 398,000	Integrated Undergrad Research Experience in Biological and Mathematical Science (UBM) in collaboration with TAMU-College Station	TAMU-College Station
(vii)	August 2010	National Science Foundation	$ 398,000	*UBM*	Dr. Fu as PI
(viii)	06/20/2003	The Regent's Initiative for Excellence in Education, The Texas A&M University System	$13,000	*RT-HO Method: An Alternative Method of Teaching Statistics vs Traditional Teaching Method*	
(viii)	03/12/2003	National Science Foundation, Title III	$ 58,300	*Enhancement of the Mathematics Research Environment for Faculty and Students*	Dr. Lian
(ix)	03/29/2002	US Department of Education	$299,994	*Minority Science and Engineering Improvement (MSEIP), Instructional, CFDA 84.120A*	Dr. Mbamalu
(x)	02/21/2002	UNCF/Mellon Programs	$ 15,000	*Undergraduate Fellowship Mentor for Curtis Lane*	Dr. Ming Yin
(xi)	06/15/2001	National Science Foundation	$ 56,431	HBCU-UP Planning Grant Proposal	Dr. J. Scott
(xii)	02/21/2000	UNCF/Mellon Programs	$ 15,000	Undergraduate Fellowship Mentor for Kristan McGresham	Dr. Ming Yin

22 Continu	**(xiii)**	02/16/1998	ICUSC	$ 2,500	Efficiency of the "Working Together Project", Faculty Sponsored Research	A. Bouelet
	(xiv)	02/15/1997	ICUSC	$ 2,500	Impact of the Million Man March on Black Owned Businesses: A Case Study, Faculty Sponsored Research	D. Gleaton
	(xv)	02/15/1997	ICUSC	$ 1,400	Relevance of the SAT or CAT in College Academic Performance: A Case Study, Faculty Sponsored Research	L. Brown
	(xvi)	10/31/1996	Center for Comp. Sci. and Adv. Distributed Simulation, University of Houston-Downtown, TX	Unspecified	Visiting Scientist Program	
	(xvii)	03/01/1996	NSF	$ 200,997	Benedict Precollege Statistics Project (BP STAT): Increasing access to Science and Mathematics	
	(xviii)	02/15/1996	ICUSC	$ 1,400	Benedict College Students Academic Performance Analysis,	L. Davis
	(xix)	10/03/1995	Sponsors Program, Benedict	$ 2,400	Service Learning Project	
	(xx)	01/28/1994	Mathematical association of America	$ 4,960	Planning Grant for High School Students Mathematics	Dr. D. Brekke
	(xxi)	01/05/1993	Sponsors Program, Benedict	$ 2,074	*What Math Should Undergraduates Learn*	