

VITA

Dr. Aliakbar Montazer Haghighi, Regents Professor & Professor



Current Positions:

Regents professor (TA&M) & Professor	Current: Editors-in-Chief Team' Member, and
<u>Department of Mathematics</u>	Co-Founder & Founder Editor-in-Chief
Prairie View A&M University	Applications and Applied Mathematics:
Prairie View, Texas, USA	An International Journal (AAM) (initiated 2004)
amhaghighi@pvamu.edu ;	http://www.pvamu.edu/aam
amhaghighi@gmail.com ;	https://orcid.org/0000-0003-3570-8503
https://www.pvamu.edu/bcas/departments/mathematics/faculty-and-staff/amhaghighi/	

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Details

1.	PERSONAL INFORMATION				
(i)	Telephone:	<u>Office:</u>	Work: (936) 261-1997; Personal: (832) 309-3838		
(ii)	Fax:	<u>Office:</u>	(936) 261-2088		
(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)	Lives in Cypress, Texas				
(vi)	Citizen of the United States of America			(vii)	Married , one son, and one daughter and three grand children

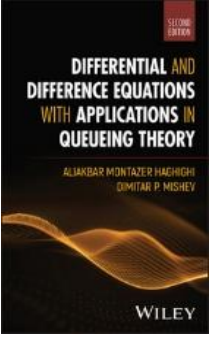
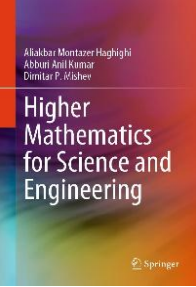
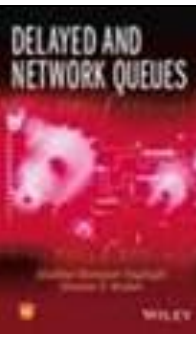
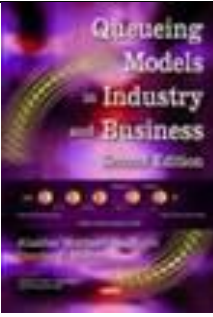
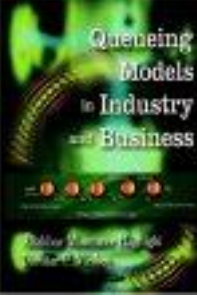
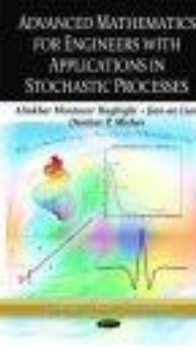
2.	POST HIGH SCHOOL EDUCATION				
Degree	Year	University		Area/Thesis Topic	
		Name	Location		
Ph. D.	1976	Case Western Reserve University	Cleveland, Ohio, USA	Probability and Statistics <i>Many-Server Queueing Systems with Feedback</i> , Dissertation Advisor: Late Lajos Takács	
MA	1971	San Francisco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

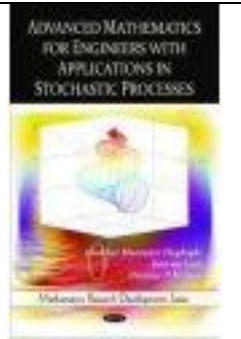
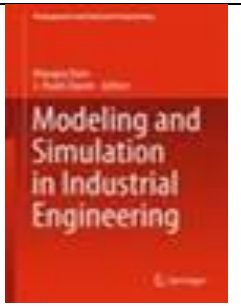
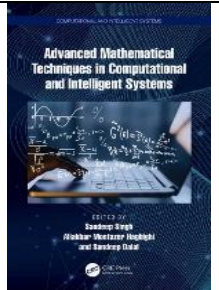
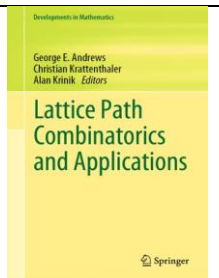
3.	EMPLOYMENT HISTORY				
	During Years	Academic Rank	Admin. Position	Institution	Location
	11/13/2025 - Present	Regents Professor (TA&M)		Prairie View A&M University	Prairie View, TX,USA
	9/1/2002 - Present	Professor (Tenured)		Prairie View A&M University	Prairie View, TX,USA
	2002 – 2021	Professor (Tenured)	Head, Mathematics	Prairie View A&M University	Prairie View, TX,USA
	1985 – 2002	Professor and Associate Professor		Benedict College	Columbia, SC, USA
	1981 – 1985	Associate Professor		National University of Iran (Beheshti University)	Tehran, Iran
	1968 – 1981	Assistant Professor	Acting President, VP for Research, Department Chair	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, Mathematics Academic Program Review Committee (2026-27) Chair, CAS Regents Professor Committee (2025-206) Chair, Faculty Enhancement Program (FEP), College of Arts and Sciences (2025 - 26) Chair, Faculty Post-Tenure Evaluation College Committee (2025-26) Chair, Mathematics Lecturer Hiring Committee, 2026 Chair of Mathematics Faculty Post-Tenure Evaluation College Committee (2024-25) Chair of Faculty Promotion Committee, College of Arts & Sciences (2024-25) Chair of Mathematics Faculty Midterm-Tenure Evaluation Committee (2022-23) Chair, Member, Curriculum Committee, College of Arts and Sciences (2006 – 2016) Chair, University Academic Council Task Force for Physics, Creative Writing and English Certification, Nursing, and MIS (2003, 04, 05) Chair, Finance Committee, Honors, Convocation the College of Arts and Sciences hosting (2005) Member (Presidential Appointee) Faculty Advisory Council (FAC) of PVAMU (November 1, 2025 – May 31, 2028). Member, University Honorary Degree Committee, 2026 – 2028. Member Sabbatical Review Committee 2026. Member of Faculty Promotion Committee, College of Arts & Sciences (2024-25). Member, the Prairie View A&M University Teacher Education Council (2005 – 2018). 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. 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 Information Technology Committee (2002 – 2004). Member of the Cohort IV of the Academy for Educator Development (2003 – 2005), Member, representing the College of Arts and Sciences, of the University Academic Representative, Member, to the Library Committee (2004 – 2013). Scholarship Oversight Committee (2003 – 2004).		

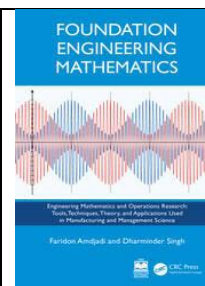
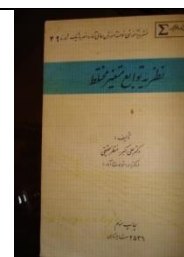
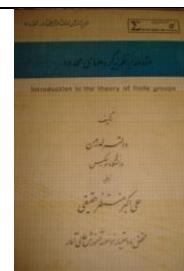
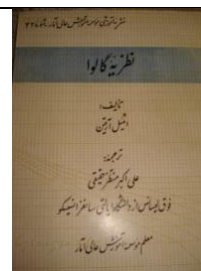
4 cont	(ii)	At Benedict College	During (1985-2001), I served as a member and/or the chairperson of various committees and tasks such as Admissions, Recruitment and Retention Committee; Departmental Computer Curriculum Committee; Mathematics Curriculum Committee; Departmental Grant Proposal Committee, 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)	Co-Founders and Founding Editors-in-Chiefs and currently owner and a member of Editors-in-Chief Team of the <i>Applications and Applied Mathematics: An International Journal (AAM)</i> , 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 20th year of its existence excellent service to the mathematics-based researchers. The last issue posted: Vol. 21, Issue 1 (June 2026). It has also published 16 Special Issues.	
	(ii)	Editor-in-Chief of AAM, 2006 – 2021, and as of 2025, a member of the Editors-in-Chief Team .	
	(iii)	TA&M Regents Professor of 2024-2025 and holding the title as long as at PVAMU. The Texas A&M University System's Board of Regents approved this designation on November 13, 2025.	
	(iv)	Student Scholarship Award Establishment: “ <i>Dr. Aliakbar Montazer Haghighi Mathematics Scholarship</i> ”, Department of Mathematics, Prairie View A&M University, Established by me on March 28, 2014.	
	(v)	Published in my honor: Bai-Ni Guo, Dongkyu Lim, and Feng Qi, “ <i>Series expansions of powers of arcsine, closed forms for special values of Bell polynomials, and series representations of generalized logsine functions</i> ,” in AIMS Mathematics 6 (2021), no. 7, 7494–7517; available online at https://doi.org/10.3934/math.2021438 .	
	(vi)	Editor, Book Series (by invitation) titled “ <i>Engineering Mathematics and Operations Research</i> ”, published by CRC Press - Taylor & Francis Group, LLC, Since 2022	
	(vii)	Associate Editor, Communications in Statistics (by invitation), since August 21, 2025	
	(viii)	Co-Editor, Book-chapter Series titled “ <i>Advanced Mathematical Techniques Applicable in Computational and Intelligent Systems</i> ”, published by CRC Press - Taylor & Francis Group, LLC. (2024)	
	(viii)	Associate Editor, Communications in Statistics - Simulation and Computation , Taylor & Francis Group, LLC, since 2025 -	

5 Con tinu.	(ix)	Outstanding Researcher, Award International Scientific Awards, 2025 , accredited by the American Chamber of Research and Times of Research
	(x)	Invited Guest Speaker , “2nd International Conference on Evolution in Pure and Applied Mathematics (ICEPAM-2024)”, November 200-22, 2024 , AKAL UNIVERSITY, INDIA.
	(xi)	Invited as a Guest Speaker , “International Conference On <i>Mathematics and its Applications in Science & Technology</i> (ICEMAST-2024), August 30-31, 2024 ”, Uttar Pradesh, INDIA.
	(xii)	A member of the Advisory Committee at ICAFD 2024 Conference, the 6th International Conference on Applications of Fluid Dynamics – ICAFD 2024 during 05-07, December 2024 , Kalasalingam Academy of Research and Education, (Deemed to be University), Krishnankoil, Srivilliputhur, Tamil Nadu-626126, India.
	(xiii)	Sabbatical Leave received for Spring 2023
	(xiv)	Invited as the Guest of Honor , Advances in Pure and Applied Mathematics (ICAPAM- 2023), Ganpat University, India, on 27th – 28th of October 2023
	(xv)	Invited as a Chief Guest of Honor presenter in Inaugural Session of ICCRMCS2022
	(xvi)	Invited Keynote Speaker , ICMC-2021 , First International Conference on Mathematics & Computation, DAY 1 (October 22, 2021), Rajkiya Engineering College Kannauj, Uttar Pradesh, India
	(xvii)	Invited 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
	(xviii)	Life-Time Achievement and Leadership Honor Award from The Marquis Who’s Who Publications board, 2021 . Also, have been included in 5 editions (2018-2019, 2008-2013) of the Marquis Who's Who in America
	(xix)	Editorial Board Member , Journal of Data Analysis and Operations Research (JDAOR), Bahrain, http://www.naturalspublishing.com/show.asp?JorID=35&pgid=0 , since 2013.
	(xx)	Editorial Board Member , International Journal of Statistics & Economics (formerly Bulletin of Statistics and Economics), http://ceser.res.in/bse.html , since 2008.
	(xxi)	Editorial Board Member , Computational Methods for Differential Equations, since 2014. http://cmde.tabrizu.ac.ir/
	(xxii)	Board of Review Member , International Journal of Engineering, Iran, since March 2008. http://www.ije.ir/people/
	(xxiii)	Member of the Board of Editors , International Journal of Mathematical Engineering and Management Sciences (https://ijmems.in), since 2021.
	(xxiv)	Editorial Board Member , Fundamental Journal of Mathematics and Applications (FUJMA), http://dergipark.gov.tr/fujma , 2019.
	(xxv)	Excellence in Research Award , Department of Mathematics, Prairie View A&M University, September 2007 and 2017.
	(xxvi)	Excellence in Service as Department Head Award , Department of Mathematics, Prairie View A&M University, September 2017.
	(xxvii)	Member of the International Advisory Committee of the International Conference on "Advances in Nonlinear Sciences (ICNS), HITEC University, Taxila, Pakistan, 2016
	(xxviii)	Advisory Editor Member, Queueing Models and Service Management , Providence University, Taichung, Taiwan, since established, 2018, http://qmsm.pu.edu.tw/Editorial Board.html .
	(xxix)	Member of the Program Committee Invitation to QTNA2016, 11th International Conference on Queueing Theory and Network Applications, http://qtna2016.org/
	(xxx)	Regent Professor Nominated 2015 and 2024 for the A&M University System Board.
	(xxxi)	Honorary member of the Scientific Committee for the Eighteenth Annual mathematics Conference of Bangladesh mathematics Society, December 2013.
	(xxxii)	One of Invited “Elites and Specialists Iranian Abroad” by the government of Iran and attended the second Great Congress of Iranian Abroad . Attended August 2 – 3, 2010.
	(xxxiii)	Scientific Committee Member , International Conference, Dynamical Systems and Applications, November 2009.
	(xxxiv)	Speakers for an Invited Talk at the 2014 ICRAM conference at Nagpur University, India.
	(xxxv)	One of the eleven worldwide Plenary Speakers of the 34 th International Conference on Applications of Mathematics in Engineering and Economics, June 6 – June 12, 08, Sozopol, Bulgaria.

5 Con tinu.	(xxxvi)	Received a certificate of recognition of “outstanding Participation as a Judge” at the 4 th Annual STEM Research Symposium, March 21, 2014, at Prairie View A&M University.
	(xxxvii)	Have been included in the 2010-2013 Editions of Who's Who in North America Education .
	(xxxviii)	Have been included in the 2010-2012 Editions of Who's Who Among Collegiate Faculty .
	(xxxix)	Have been included in the 2008 – 2009 Honor Edition of Who's Who Among Executives and Professionals .
	(xxxx)	Have been included in the 10 th Annual Edition of Who's Who Among America’s Teachers , 2005-2006, 2004, and more.
	(xxxxi)	Have been selected to be included in the 2004 – 2005, 9 th Edition of the United Who's Who .
	(xxxxii)	Have been assigned as the Departmental Liaison for the Mathematical Association of America, MAA, 2006 – 2020.
	(xxxxiii)	Chosen to be the only mathematician from the United States to be a member of the Organizing Committee of the 30 th Jubilee and the 31 st International Conference on Applications of Mathematics in Engineering and Economics, June 6 – June 12, 04 and June 7 – 12, 05, respectively, Sozopol, Bulgaria.
	(xxxxiv)	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.
	(xxxxvi)	Was recognized by the Honors Program as Distinguished Honors Faculty Member for Outstanding Service to the Honors Education at Benedict College, February 27, 2001.
	(xxxxvii)	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.
	(xxxxviii)	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.
(xxxxix)	Received a lifetime Instructor Credential Award for the California Community Colleges , March 5, 1985.	
(xxxxx)	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 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. In addition, I have written a book on Advanced Math containing a variety of subjects.	
7.	PUBLICATIONS (BOOKS, LECTURE NOTES, RESEARCH PAPERS)	
	(i)	Books Published (in English) One of the books is under Second Edition preparation: Probability, Statistics and Stochastic Processes for Engineers and Scientists, by Taylor & Francis Group, LLC/ CRC Press. 1. Books Authored Published in English

7. cont in	(i) conti	7	Aliakbar Montazer Haghighi and Dimitar P. Mishev, <i>Differential and Difference Equations with Applications in Queueing Theory</i> , 2nd Edition, ISBN: 978-1-394-29404-6, April 2026, Wiley Publisher https://www.wiley.com/en-us/Differential+and+Difference+Equations+with+Applications+in+Queueing+Theory%2C+2nd+Edition-p-9781394294046		6	Aliakbar Montazer Haghighi, Anil Kumar Abburi, Dimitar P. Mishev , <i>Higher Mathematics for Science and Engineering</i> , with Springer Nature, 2024 https://www.buecherwege-shop.de/higher-mathematics-for-science-and-engineering-9789819954308	
		5-1	Aliakbar Montazer Haghighi and Indika R. Wickramasinghe, <i>Probability, Statistics and Stochastic Processes for Engineers and Scientists</i> , by Taylor & Francis Group, LLC/ CRC Press, 2020. https://doi.org/10.1201/9781351238403 Second Edition is in progress, expected publication: 2027		4	Aliakbar Montazer Haghighi, and Dimitar P. Mishev, <i>Delayed and Network Queues</i> , 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	
		3-2	Aliakbar Montazer Haghighi, and Dimitar P. Mishev, <i>Queueing Models in Industry and Business</i> , Second Edition 2014. Nova Science Publishers, Inc., a New York. First Edition appeared in 2008.		2-1	Aliakbar Montazer Haghighi, and Dimitar P. Mishev, <i>Difference and Differential Equations with their Applications in Queueing Theory</i> , John Wiley & Sons Inc., 2013. Second Edition out: 2026 https://www.wiley.com/en-us/Difference+and+Differential+Equations+with+Applications+in+Queueing+Theory-p-9781118393246	
		3-1	<u><i>Queueing Models in Industry and Business</i></u> by Aliakbar Montazer Haghighi, Dimitar P. Mishev, Dimitar P. Mishev Hardcover, 386 Pages, Published 2008 by Nova Science Publishers, Inc. First Edition ISBN-13: 978-1-60456-189-0, ISBN: 1-60456-189-0, 349 pages https://novapublishers.com/shop/queueing-models-in-industry-and-business/		1-2	Aliakbar Montazer Haghighi, Jian-Ao Lian, Dimitar P. Mishev, Dimitar P. Mishev <u><i>Advanced Mathematics for Engineers With Applications in Stochastic Processes</i></u> Published 2013 by Nova Science Publishers, Inc., Revised Edition ISBN-13: 978-1-62257-610-4, ISBN: 1-62257-610-1, 552 pages https://www.allbookstores.com/Advanced-Mathematics-Engineers-Applications-Stochastic/9781622576104	

7. contin	(i) conti	1-1	Aliakbar Montazer H aghighi , Jian-Ao Lian, Dimitar P. Mishev, Dimitar P. Mishev Advanced Mathematics for Engineers With Applications in Stochastic Processes	<i>Pages, Published 2010 by Nova Science Publishers, Inc.</i> <i>ISBN-13: 978-1-60876-880-6, ISBN: 1-60876-880-5</i> https://www.amazon.com/Mathematics-Engineers-Applications-Stochastic-Developments/dp/1608768805	
7. con	(ii)	2. Book Chapter Authored Published in English			
		1	Aliakbar Montazer Haghighi and Dimitar P Michev Stochastic Modeling in Industry and Management Modeling and Simulation in Industrial Engineering Editors: Mangey Ram and J. Paulo Davim , by Springer, 2018 Chapter 7, Pages 131-178 https://link.springer.com/book/10.1007/978-3-319-60432-9 https://link.springer.com/chapter/10.1007/978-3-319-60432-9_7		
7.conti	(ii) conti	3. Book Edited Published in English			
		1	Edited By Sandeep Singh , Aliakbar Montazer Haghighi , Sandeep Dalal Advanced Mathematical Techniques in Computational and Intelligent Systems. Published November 20, 2023 by CRC Press. https://www.routledge.com/Advanced-Mathematical-Techniques-in-Computational-and-Intelligent-Systems/Singh-Haghighi-Dalal/p/book/9781032398662		
	(iii)	4. Book with the First Author Published in English			
		1	Aliakbar Montazer Haghighi and Sri Gopal Mohanty, Professor Lajos Takács: A Tribute , Lattice Path Combinatorics and Applications , Advances in Mathematics 58:1, Pages 1-28, Springer, 2019		

7.conti	(iv)	5. Books Published in English as Editor					
		3	Wenqiang Ji, Jianbin Qiu, Heting Zhang eBook: 9781032695716 by Taylor & Francis Group, LLC/ CRC, May 2026 https://www.taylorfrancis.com/books/mono/10.1201/9781032695716/fuzzy-model-based-sliding-mode-control-complex-nonlinear-systems-wenqiang-ji-jianbin-qiu-heting-zhang		2	Faridon Amdjadi and Dharminder Singh, Foundation Engineering Mathematics by Taylor & Francis Group, LLC/ CRC Press, December 19, 2024.	
		1	Sandeep Singh and Sandeep Dalal Optimization Techniques and Associated Applications by Taylor & Francis Group, LLC/ CRC Press, November 13, 2024.				
	(v) 6. Books Authored/Translated Published in Farsi						
	5	A. Montazer Haghighi, Theory of Functions of a Complex Variable (three editions), Institute of Statistics and Informatics, Tehran, Iran, 1976.		4	A. Montazer Haghighi, Axiomatic System and Axiomatic Set Theory , Institute of Statistics and Informatics, Tehran, Iran, 1973.		
	3	A. Montazer Haghighi, Persian translation of the Finite Groups by Walter Ledermann, Institute of Statistics and Informatics, Tehran, Iran, 1971.		2	A. Montazer Haghighi, Persian translation of the Galois Groups by Emil Artin, Institute of Statistics and Informatics, Tehran, Iran, 1970.		
	1	A. Montazer Haghighi, Persian translation of the Theory of Operations Research by Van Der Veen, Institute of Statistics and Informatics, Tehran, Iran, 1969.					

7 Conti	(vi)	Lecture Note Published in English	
		17	S. Durham, Aliakbar Montazer Haghighi and P. Goddard, <i>Differential Markov Chain: An Introduction to Applied Probability</i> . Lecture Notes, Department of Statistics, University of South Carolina, 1991.
	(vii)	Lecture Note Published in Farsi	
		18	A. Montazer-Haghighi, <i>Theory of Stochastic Processes</i> , Lecture Notes. National University of Iran, Tehran, 1984.
		19	A. Montazer Haghighi, <i>Queueing Theory</i> , Lecture Notes. National University of Iran, Tehran, 1984.
		20	A. Montazer Haghighi, <i>Ordinary Differential Equations</i> , Lecture Notes. National University of Iran, Tehran, 1984.
		21	A. Montazer Haghighi, Persian translation of the <i>Foundations of the Theory of Probability</i> by A. N. Kolmogorov, Lecture Notes. National University of Iran, Tehran, 1983.
	(viii)	Refereed Research Papers Published/Under Publication Process	
		22	Aliakbar Montazer Haghighi, and Dimitar P. Mishev (2026). A Novel Time-Dependent Tandem Transportation Model with Bulk Arrivals of Various Sizes, Parallel Multi-Servers, Balking, Reneging and Feedback, Int. J. Mathematics in Operational Research (IJMOR).
		23	G. Archana Alias Gurulakshmi, Aliakbar Montazer Haghighi, G. Ayyappan, N. Arulmozhi and Natarajan Aishwarya (2026). Performance Evaluation of a Single-Server Queueing System with Correlated Arrivals, Two-Tier Service Structure, Random Breakdowns and Phase-Type Repairs, [Mathematics], MDPI, Basel, Switzerland, Mathematics 2026, 14, 2201, https://doi.org/10.3390/math14122201 Website: https://www.mdpi.com/2227-7390/14/12/2201 PDF Version: https://www.mdpi.com/2227-7390/14/12/2201/pdf
		24	N. Arulmozhi, Aliakbar Montazer Haghighi, G. Ayyappan, and G. Archana @ Gurulakshmi (2025). Analysis of a Crowdsourcing Markovian Queue with Phase-Type and Imperfect Service, Working Vacations, Breakdown, and Repair, Mathematics 2025, 13, 3757. https://doi.org/10.3390/math13233757
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		30	Aliakbar Montazer Haghighi, and Dimitar P. Mishev (2016). 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, pp. 39-64. https://scholar.google.com/citations?view_op=view_citation&hl=en&user=XuQlZEAAAAAJ&citation_for_view=XuQlZEAAAAAJ:NaGl4SEjCO4C

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		32	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.
		33	Aliakbar Montazer Haghighi, and Dimitar P. Mishev, <i>Stochastic Three-stage Hiring Model as a Tandem Queueing Process with Bulk Arrivals and Erlang Phase-Type Selection</i> , $M^X/M^{(k,K)}/1 - M^Y/E_r/1 - \infty$, <i>International Journal of Mathematics in Operations Research (IJMOR)</i> , Vol. 5, No. 5, 2013. http://www.inderscience.com/jhome.php?jcode=ijmor
		34	Shayib, Mohammed and Aliakbar Montazer Haghighi, <i>Moments of the Reliability, $R = P(Y < X)$, as a Random Variable</i> , <i>International Journal of Computational Engineering Research (IJCER)</i> , Vol. 3, Issue 8 (August 2013). http://www.ijceronline.com/v3i8.html
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		36	Mohammed A. Shayib and Aliakbar Montazer Haghighi, <i>An Estimation of Reliability: Case of One-Parameter Burr Type X Distribution</i> . <i>International Journal of Statistics and Economics</i> , Vol. 6, No. S11, Spring 2011. http://www.ceser.in/ceserp/index.php/bse/article/view/863
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		45	Anastasia Ivanova, Aliakbar Montazer-Haghighi, Sri Gopal Mohanty, and Steven D. Durham, <i>Improved up-and-down designs for phase I trials</i> . <i>Statistics in Medicine</i> , 22, No. 1, pp. 69-82, 2003. http://onlinelibrary.wiley.com/doi/10.1002/sim.v22:1/issuetoc .

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		57	Aliakbar Montazer Haghighi , and Dimitar P. Mishev, “ <i>A Two-Station Tandem Queueing System with Task-Splitting, Feedback, and Blocking</i> ” Proceeding of the 30 th International Summer School of Applications of Mathematics in Engineering and Economics (AMEE), June 7 – 12, 2004, Sozopol, Bulgaria.
		58	Aliakbar Montazer Haghighi , and Dimitar P. Mishev, “ <i>An Ordered Entry Queueing System</i> ” Proceeding of the 29 th International Summer School of Applications of Mathematics in Engineering and Economics (AMEE), June 9 – 14, 2003, Sozopol, Bulgaria.
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		60	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.
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		67	Aliakbar Montazer Haghighi, Dimitar Mishev , A parallel priority queueing system with finite buffers, Journal of Parallel and Distributed Computing, 66 (2006) 379–392 www.elsevier.com/locate/jpdc . 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.
		68	Aliakbar Montazer Haghighi, Dimitar Mishev , abstract of the manuscripts of: “An <i>Ordered-Entry Queueing System</i> ”, Proceedings of the 29 th International Summer School, Application of Mathematics in Engineering and Economics , June 2003, Sozopol, Bulgaria.
		69	Aliakbar Montazer Haghighi , abstract of the manuscripts of: “ <i>An Alternative Method of Teaching: Reverse-Traditional/Hands-On: A Success</i> ”. American Mathematical Society, Vol. 22, No. 1, Issue 123, p. 200, # 962-E1-345, ISBN # 0192-5857, 2001.
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		71	A. Montazer Haghighi , <i>A Transient Up-and-Down Design: A Parameter Estimation</i> . <u>Bulletin of the South Carolina Academy of Science</u> , Vol. LX, p. 81, 1998.
		72	A. Montazer Haghighi , <i>Calculus Excellence workshop Report: A Case Study</i> . <u>Bulletin of the South Carolina Academy of Science</u> , Vol. LIVII, p. 125, 1996.
		73	A. Montazer Haghighi , <i>Time Dependence of A Multi-Server Queueing System with Balking and Reneging</i> . <u>Bulletin of the South Carolina Academy of Science</u> , Vol. LI, p. 65, 1989.
		74	A. Montazer-Haghighi , <i>A Conveyor Problem with Balking and Reneging</i> . <u>Bulletin of the South Carolina Academy of Science</u> , Vol. XLX, p. 110, 1988.
		75	A. Montazer Haghighi , <i>Batch-Service Multi-Server Markovian Queueing System with Balking and Reneging</i> . <u>Bulletin of the South Carolina Academy of Science</u> , Vol. XLIX, p. 85, 1987.
8.	REFEREED/REVIEWED BOOKS, GRANT PROPOSALS, AND RESEARCH PAPERS, MS THESES		
	(i)	Grant Proposals Review	
		1	2025, U.S. Department of the Air Force (DAF) Summer Faculty Fellowship Program (SFFP) Panel Member (DAF-SFFO).
		2	2024, The National Science Foundation (NSF), NSF Graduate Research Fellowship Program (GRFP).
		3	2024, Panelist/Reviewer for NSF Graduate Research Fellowship Program (GRFP)
		4, 5, 6	2023 and 2022, and 2019, and 2018, Science, Mathematics, and Research for Transformation (SMART) Scholarship Program, Evaluation Panel.
		7	2023, Air Force Research Lab SFFP Program ,AFRL SFFP – Panel Member
		8	2023 and 2019, Panelist, The National Defense Science and Engineering Graduate (NDSEG) Fellowship Program
		9	Panelist for The National Science Foundation (NSF), Graduate Research Fellowship Program (GRFP), 2019

8	Continn	(i)	10	Mini-grant, Prairie View A&M University, 2017
		cont.	11	NSF (National Science Foundation), 2011
	(ii)	Book Reviews		
			1	CRC Press (Taylor & Francis Group, LLC): Fuzzy Techniques in Engineering: From Theory to Practice, August 14, 2024
			2	Chapman & Hal CRC, (Taylor & Francis Group, LLC): Up and Down Designs, January 20, 2024
			3	Elsevier: Fractional Calculus: Bridging Theory with Computational and Contemporary Advances, October 10, 2023
			4	CRC Press (Taylor & Francis Group, LLC): System safety, maintainability, and Maintenance for Engineers, July 7, 2022
			5	CRC Press (Taylor & Francis Group, LLC): Technology, Human Performance, and Nuclear Facilities, a system Engineering Approach to Reduce Human Error, May, 19, 2022
			6	CRC Press (Taylor & Francis Group, LLC): What Every Engineer Should Know about Risk Engineering & Management, Second Edition, March 30, 2022
			7	CRC Press (Taylor & Francis Group, LLC): "Mathematical and Computational Modeling of Engineering Problems", September 9, 2021
			8	CRC Press (Taylor & Francis Group, LLC): "Applied Reliability, Usability, and Quality for Engineers", November 3, 2021
			9	CRC Press (Taylor & Francis Group, LLC): "Reliability Analysis Using Minitab and Rython", July 31, 2021
			10	CRC Press (Taylor & Francis Group, LLC): "Safety for Engineers, Dhillon", March 13, 2021
			11	CRC Press (Taylor & Francis Group, LLC): "Computing and Simulation in Mathematical Engineering", February 12, 2021
			12	CRC Press (Taylor & Francis Group, LLC): "Recent Advances in Mathematics to Engineering", October 13, 2018
			13	CRC Press (Taylor & Francis Group, LLC): "Software Reliability Engineering: Theory and Practices", April 20, 2018
			14	CRC Press (Taylor & Francis Group, LLC): "Software Reliability Engineering: Theory and Practices", October 24, 2017
			15	CRC Press (Taylor & Francis Group, LLC): "Fuzzy differential equations and applications", November 6, 2013
			16	Elsevier, "Fractional Calculus: Bridging Theory with Computational and Contemporary Advances", September 10, 2023
			17	Elsevier, "Reliability Modeling with Industry", April 23, 2021
			18	Elsevier, "Safety and Reliability Modelling and Its Applications", October 16, 2019
			19	Elsevier, "New Paradigms in Computational Modeling and its Applications, June 21, 2019
			20	Elsevier, "Advances in Reliability Engineering Science", March 14, 2019
			21	Elsevier, "Computational Wave Dynamics", November 7, 2018
			22	Springer, Concepts of Soft Computing: "Fuzzy and ANN with Programming Fuzzy Set Theory, May 20, 2018
			23	Cambridge Scholars Publishing, "Advances in applied mathematical problems", October 17, 2017
			24	John Wiley & Sons, Inc, "Stochastic Processes" March 16, 2013
			25	BVT, "Understanding and Using Statistics: Basic Concepts" October 31, 2010
9	Ph.D./D.Sc. THESIS EXTERNAL EXAMINER			
	(i)	L. Brighth Gladys , On transportation problems under ambiguous environment, Mathematics, Bharathidasan University, Tiruchirappalli, India, June 28, 2026.		
	(ii)	V. Kamalakannan , A contribution to the study on picture fuzzy matrices and their applications, Mathematics, Annamalai University, Annamalaiagar-608 002, Tamil Nadu, India, May 30, 2026.		
	(iii)	S. Jayalakshmi , Transition systems and acceptance conditions in intuitionistic fuzzy ω -automata and its applications, Mathematics, Annamalai University, Annamalaiagar-608 002, Tamil Nadu, India, May 25, 2026.		

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	(v)	Muhammad Asad Ullah , Dynamical Analysis of Nonlinear Epidemic Models Through Numerical Simulations, Department of Mathematics, University of the Punjab, Lahore, Pakistan, August 9, 2025
	(vi)	A. Jeba Pauline Veronica , A study on M/G/1 retrial queues with recurrent customers, general retrial time and working vacation, Department of Mathematics, Annamalaiagar – 608 002, Tamilnadu, India, June 5, 2025
	(vii)	Mr. S. Wilson Arul Prakash , Applications of Linear Algebra in Fuzzy Multiple Attribute Group Decision Making Problems, Department of Mathematics, Bishop Heber College, Tiruchirappalli, India, April 9, 2025
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	(x)	K. Karthikeyan , Stochastic Analysis of Queuing Systems with Batch Arrivals, Single/Multiple Vacations, Department of Mathematics, School of Advanced Sciences, Kalasalingam Academy of Research and Education, (Deemed to be University), Anand Nagar, Krishnankoil – 626 126, Tamil Nadu, India, February 11, 2024
	(xi)	G. Archana , Contributions to the study of MAP/PH/1 queueing system with optional service and vacation. Department of Mathematics Puducherry Technological University, Puducherry - 605 014, India, January 16, 2024
	(xii)	Karthick V , A study on performance analysis of Markovian queueing models with variant vacation and breakdown, Department of Mathematics, SRM Institute of Science and Technology Kattankulathur- 603 203, India, August 16, 2024
	(xiii)	Keerthiga S , A study on single server retrial queue with starting failure under different types of vacations, School of Advanced Sciences Vellore Institute of Technology, Vellore, India, November 17, 2024
	(xiv)	P. Vignesh , A study on Non-Markovian queueing models with vacation policy, Department of Mathematics & Actuarial Science B.S. Abdur Rahman Crescent Institute of Science, and Technology (Deemed to be University, Act 1956), Chennai - 600 048, Tamil Nadu, India, July 12, 2023
	(xv)	B. Hemalatha , Effect of cerebrospinal fluid with hydrocephalus in various flow fields, Department of Mathematics, School of Basic Sciences, Vels Institute of Science, Technology and Advanced Studies (VISTAS) Pallavaram, Chennai – 600 117, May 17, 2023
	(xvi)	C K Deena Merit , Queueing models with Constricting waiting time and energy consumption in a Base station using threshold policy, Department of Mathematics, PSG College of Technology, Coimbatore - 641 004, Faculty of Science and Humanities, Anna University, CHENNAI 600 025, December 10, 2022
	(xvii)	Rafaqat Ali Khan , Analytical and numerical solutions of some MHD nano fluid flows with heat transfer, Department/Centre/Institute: Department of Mathematics, Faculty of Physical & Numerical Sciences, Abdul Wali Khan University Mardan, Pakistan, October 24, 2022
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	(xix)	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
	(xx)	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
	(xxi)	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
	(xxii)	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
	(xxiii)	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

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	(xxv)	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
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	(xxviii)	Shakir Majid , A Contribution to the Study on some Queueing Models with Different Types of Working Vacation, Department of Mathematics, Annamalai University, Annamalai Nagar – 608 002, Tamil Nadu, India, July 20, 2018.
	(xxix)	Mallinath Yashwant Dhang , Some Flow Problems in Peristalsis on Dispersion: Effects of Wall Properties, Department of Mathematics, Visvesvaraya Technological University, Belagavi (Karnataka), India, May 30, 2018
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	(xxxi)	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
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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
	(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.	Graduate and UNDERGRADUATE RESEARCH ADVISOR/MENTOR	
	(i)	Solomon Ugbane , Ph.D. Student, Electrical Engineering Major, An Up and Down Design Analysis of Maximum Tolerated Dose (MTD) within an $M/M/1$ Queue with balking and Reneging and Delayed Service, RISE-Graduate Research Award, PVAMU, academic year 2024-2025.
	(ii)	Sandra W. Wambaa , undergrad mathematics major, Rapid Population Growth Within Texas, RISE-Undergraduate Research Award, PVAMU, academic year 2024-2025
	(iii)	Ally Larsen and Sophia Lazcano , Mentored, students for NSF REU, summer 2021
	(iv)	Ibrahim Arogundade , Undergraduate Student Research, PVAMU, September 2020 – May 2021

11 Contu.	(v)	Anne Rosette Bouele , <i>Efficiency of the "Working Together Project</i> , 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
	(vi)	Latoya Brown , <i>Relevance of the SAT in College Academic Performance: A Case Study</i> , 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
	(vii)	Donovin Gleaton , <i>Impact of the Million Man March on Black Owned Businesses: A Case Study.</i> , 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 R2183 , Optimizing Cloud service performance using two-Stage tandem queues with N-Policy, server failures, and reneging behavior, March 19, 2026
	2	AAM R2157 , Expected Discounted Dividends in MAP/PH Surplus Models with Time Dependent Claim Sizes, October 23, 2025
	3	AAM R2144 , Bulk queueing model with Bernoulli vacation, breakdown, different service disciplines and state dependent arrival rates, June 7, 2025
	4	AAM R2142 , Queueing System with Batched Services, Server-Controlled Re-Service, Set-Up Time and Multiple Vacation, June 7, 2025
	5	AAM R2141 , Manuscript's Title: Analysis of MAP ¹ , PH ^{OA} ₂ /PH ¹ , PHO ² _{os} /1 Retrial Inventory Queue with Two Way Communication, (s, S) Replenishment Policy, Feedback, Bernoulli Vacation and Impatient Customers, June 6, 2025
	6	AAM R2131 , Analysis of MAP/PH/1 Retrial Inventory Queueing System with Constant Retrial Rate, Bernoulli Vacation, Breakdown, Delayed Repair, Balking, (s, S) Policy and Emergency Replenishment, May 11, 2025
	7	AAM R2131 , Analysis of MAP/PH/1 Retrial Inventory Queueing System With Constant Retrial Rate, Bernoulli Vacation, Breakdown, Delayed Repair, Balking, (s, S) Policy and Emergency Replenishment, May 11, 2025
	8	AAM R2079 , Analysis of single server system with heterogeneous service, failure and maintenance, February 6, 2024
	9	AAM R1999 , Analysis of a Markovian retrial queue with reneging and working vacation under n-control pattern, September 23, 2022
	10	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
	11	AAM R1975 , MAP/PH(1), PH(2)/2 Queue with Multiple Vacation, Optional Service, Consultations and Interruptions, April 29, 2022
	12	AAM R1974 , A Multi Server Markovian Working Vacation Queue with Server State Dependent Rates and with Partial Breakdown, April 25, 2022
	13	AAM R1971 , Analysis of Feedback Queueing Model with Differentiated Vacations under Classical Retrial Policy, April 11, 2022
	14	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, 34 th 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, 33 rd 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
	(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 Mult threshold 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 ,

12. cont	(ix) cont.	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 , <i>M/PH/C</i> 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
	(x)	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
			The International Journal of Computers & Operations Research (COR)
		1	A Midpoint Method for the Optimal Solution of Interval Integer Transshipment Problems, April 10, 2025
		2	Efficient Hybrid Lattice Based Session Key Agreement System for Multimedia Internet of Things, May 25, 2024
		3	Performance Analysis of a Two-Priority Queueing System with Group Services, 01/04/1993
		4	A Queue with Instantaneous Trinomial Feedback Process, 05/17/1993
		5	M/M/φ(.) Time Sharing Queue With Balking And Nopassing, 05/31/1994
		6	A General Class of Control Operating Policy for an MIMI Queue with General Startup Time, 01/02/1996
		7	Workload and Waiting Time in a Fixed-Time Loop System, 04/15/1996
		8	Finite Capacity Markovian Queue with Balking and Reneging, 05/06/1996
		9	A Note on Varying the Number of States in the Arrival Process of MRIGIII Queue, 01/20/1997
		10	Average Waiting Time of Customers in an MIDIK Queue with Nonpreemptive Priorities, 01/22/1997
		11	On a Batch Arrival Poisson Queue with a Random Setup Time and a Vacation Period, 07/18/1997
		12	The truncated hyperexponential service queues: M/H _k /1/N with balking and reneging, 12/14/1998
		13	A Concurrent Processing Framework for the Set Partitioning Problem, 01/11/1999
		14	A Recursive Algorithm for Generating the Transition Matrices of Multistation Multiserver Exponential Reliable Production Lines, 07/18/1999
		15	Maximum Number of On-Time Jobs on Parallel Identical Machines, 03/28/2001
		16	Performance analysis and buffer allocation in some open assembly systems, 08/13/2001
		17	Using Minimal Cuts To Study The System Capacity For A Stochastic-Flow Network In Two-Commodity Case, 09/07/2001
		18	Performance analysis and buffer allocation in some open assembly systems, 11/14/2001
		19	Using Minimal Cuts To Study The System Capacity For A Stochastic-Flow Network In Two-Commodity Case, 04/09/2002
	(x) cont.	20	Making the Wait More Comfortable to Reduce Customer Reneging in Waiting Lines, 08/07/2002
		21	Processor shared service with queue dependent processor, 12/19/2002
		(xi)	Inderscience Online
		1	Estimation of Shannon differential entropy: An extensive comparative review, December 20, 2025
		2	A Midpoint Method for the Optimal Solution of Interval Integer Transshipment Problems, April 14, 2025
		3	Effective Multi-Classification of Dry Beans Varieties: A Deep Learning Approach Enhanced by Flock Optimization Algorithm, October 27, 2024
		4	Strategic Optimization of Service Systems with Cold-Standby Parts Using Inventory Policy, July 28, 2024
		5	Cost Optimization of a differentiated failure prone MX/G/1 retrial queue with restricted admission, June 23, 2024
		6	Efficient Hybrid Lattice Based Session Key Agreement System for Multimedia Internet of Things, June 19, 2024
		7	Submission entitled "Mathematical and optimization analysis of a multi-server queue with impatient customers under differentiated working vacations policy, January 28, 2024
		8	Analysis of Mean Delay in Small Cell Networks with Dynamic Traffic and FIFO scheduling, August 30, 2023
		9	Mitigating consumer returns through omnichannel retail operations: An EOQ model under stochastic demand, July 3, 2023
		10	A sustainable analysis of prawn fishery in a bounded region, October 11, 2021
		11	Reliability and performance analysis of a series-parallel Photovoltaic system with Human operators Using Gumbel Hougaard family copula, July 11, 2021
		12	Modeling and simulation of Bernoulli feedback queue with general customers' impatience under variant vacation policy, June 8, 2020
		13	Transient analysis of various vacation interruption policies in a Markovian queue with differentiated multiple vacations, November 11, 2019
		14	Cost Analysis of Multi-States Serial-Parallel Manufacturing System under Partial and Complete Failures, May 2, 2018
	(xi) cont	15	Multi-objective simulation optimisation on discrete sets: a literature review, October, 10, 2017
		16	A Trinomial Vacation in Web Hosting Queueing service, Inderscience Online, January 29, 2017
		17	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)		YUJOR - Yugoslav Journal of Operations Research
		1	A matrix geometric solution of a multi-server queue with waiting servers and customers' impatience under variant working vacation and vacation interruption, January 25, 2023
	(xv)	2	Heterogeneous Queueing Model with Intermittently Obtainable Server with Feedback, October 19, 2022
	(xvi)		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

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	(xvii)	International Journal of Operations Research (IJOR)	
		1	Multi-objective simulation optimization on discrete sets: a literature Review, October, 8, 2017
	(xvii)	2	Transient analysis of an $M/M/c$ queueing system with retention of reneging customers, October 6, 2016
	(xviii)	JBS-SI (Special Issue), The Mathematical Reasoning Requirements in Upper Secondary Level Assessments, September 11, 2013	
	(xix)	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
	(xx)	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
	(xxi)	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
	(xxi) cont	2	An iterative robust method for labelling continuous data, May 1, 2013
		3	Local Depth for Functional Data, May 17, 2013
	(xxii)	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
	(xxiii)	JMM (Journal of Mathematical Modeling)	
		1	Moment Properties of Lower Record Values from Generalized Inverse Weibull Distribution and Characterization, December 3, 2020
	(xxiv)	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
		5	Solving the Laplace's Equation for Different Aspect Ratios of the Rectangular and Elliptical Computational Domains by using BEM, April, 28, 2017
	(xxiv) Conti.	Journal of Mahani Mathematical Research JMMRC Kerman	
		1	JMMR-2302-1401-1-2_020823, Optimal control and stability analysis of a fractional order mathematical model for infectious disease transmission dynamics, March 13, 2023
		2	JMMR-2209-1337, Analytical investigation of a boundary value problem of functional differential inclusion with nonlocal conditions, January 3, 2023
		3	JMMR-2211-1368-1-2, Estimation parameters of Heston model and its application in long-term memory data, December 11, 2022
		4	JMMR-2210-1353-1-2, Existence of asymptotically almost periodic solution for fractional semilinear problem, December 4, 2022
		5	JMMR-2209-1335, Mathematical modeling of the boundary layer of the moving plate in fluid and solving it with numerical methods oscillation for a class delayed economic model, September 17, 2022
		6	JMMR-2208-1321-1-2, Periodic oscillation for a class delayed economic model, September 17, 2022
		7	JMMR-2207-1303, Quantitative and stability study of the evolution of a viscoelastic body, September 7, 2022
		8	JMMR-2207-1300, Mathematical modeling of heat transfer over a stretching surface in porous medium and solving it with numerical methods, August 11, 2022
	(xxv)	Journal of Ocean Engineering and Science, Shifted Chebyshev Polynomials Based Solution of Partial Differential Equations, August 2, 2018	
	(xxvi)	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	
	(xxvii)	Journal South East Asian Journal of Mathematics and Mathematical Sciences	
		1	SEAJMMS 1319, Fuzzy Queueing 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 Queueing Theory to Gandhinagar Lok Sabha Constituency in the Lok Sabha General Election-2019, February 13, 2021
	(xxviii)	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	
	(xxix)	National Council for Teachers of Mathematics (NCTM), (jrme@ntcm.org), The Mathematical Reasoning Requirements in Upper Secondary Level Assessments, November 18, 2008	
	(xxx)	OMEGA, The special issue on Logistics, June 22, 2006	
	(xxxi)	PJSOR, Cost analysis of batch arrival multi-server queueing system with waiting servers, synchronous working vacations and impatient customers, February 3, 2020	
	(xxxii)	Science Asia, Performance Analysis of Queueing System with Multiple Delayed Vacations, June 27, 2021	

12 Conti	(xxxii) Cont.	Mathematical Review (MR), American Mathematical Society (AMS)	
		1	Sensitivity analysis of a non-Markovian feedback retrial queue, reneging, delayed repair with working vacation subject to server breakdown, March 10, 2025
			4670665 , Data flow dissemination in a network, May 8, 2024
		2	4601445 , Estimating Customer Impatience in a Service System With Unobserved Balking, October 5, 2023
		3	MR4553715 , Information heterogeneity in queueing service systems: differentiated pricing decision with word-of-mouth rating information on service value, June 28, 2023
		4	MR4486848 , Asymptotic Analysis of Resource Heterogeneous QS (MMPP + 2M)(2,v)/GI(2)/ ∞ under Equivalently Increasing Service Time), January 23, 2023
		5	MR4445882 , Algorithms for Queueing Systems with Reneging and Priorities Modeled as Quasi-Birth-Death Processes, October 27, 2022
		6	MR4388922 , Convergence rates of two-component MCMC samplers, June 17, 2022
		7	MR4379594 , Distributionally Robust Inverse Covariance Estimation: The Wasserstein Shrinkage Estimator, June 3, 2022
		8	MR4262087 , The effect of information on queue-scalping service systems, August 23, 2021
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		10	MR4175460 , Analysis of the symmetric join the shortest orbit queue, May 26, 2021
		11	MR4156710 , Analysis of a bulk service queue with unreliable server, multiple vacation, overloading and stand-by server, February 13, 2021
		12	MR4057224 , Optimum cost analysis for a <i>Geo/Geo/c/N</i> feedback queue under synchronous working vacations and impatient customers, December 16, 2020
		13	MR4064654 , On the optimal control of loss probability and profit in a <i>GI/C-BMSP/1/N</i> queueing system, September 20, 2020
		14	MR3927637 , Time to Start a Crowded Period in a Finite-Buffer Queue with Poisson Input Flow and General Processing Times, March 13, 2020
		15	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
		16	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
		17	Fluid Limit of a PS-Queue with Multistage Service, <i>Probability in the Engineering and Informational Sciences</i> , 33 , 2019, 1–27, doi:10.1017/S0269964817000456, August 29, 2019
		18	Analysis of queueing model with processor sharing discipline and customers, Impatience, Operations Research Perspectives, <i>Operations Research Perspectives</i> 5 (2018) 245–255, 06/21/2019
		19	Equilibrium queueing strategies of two types of customers in a two-server queue, <i>Operations Research Letters</i> 46 (2018) 99–102, 02/10/2019
	(xxxiii)	20	Network Identification with Latent Nodes via Autoregressive Models, Digital Object Identifier 10.1109/TCNS.2017.2754372, 11/09/2018
		21	Optimal heavy-traffic queue length scaling in an incompletely saturated switch. <i>Queueing Syst.</i> (2018) 88:279–309, 07/12/2018
		22	Analysis of the BMAP/PH/ <i>N</i> queueing system with backup Servers, <i>Applied Mathematical Modelling</i> 57 (2018) 64–84, 07/11/2018
		23	A note on the optimal pricing strategy in the discrete-time Geo/Geo/1 queueing system with sojourn time-dependent reward, <i>Operations Research Perspectives</i> , 04/26/2018
		24	Minimization of the coefficient of variation for patient waiting system governed by a generic maximum waiting policy, 04/04/2018
		25	Robust scheduling for flexible processing networks, 11/4/2017
		26	A sufficient condition for the subexponential asymptotics of <i>GI/G/1</i> - type Markov chains with queueing applications, 04/26/2017
		27	A <i>Geo / G / 1</i> retrial queueing system with priority services, <i>European Journal of Operational Research</i> , 256 (2017) 178–186, <i>Stochastics and Statistics</i> , Elsevier, 02/02/2017
		28	On the Discrete-Time <i>Geo/G/1</i> Queue with Vacations in Random Environment, Hindawi Publishing Corporation, <i>Discrete Dynamics in Nature and Society</i> , Volume 2016, Article ID 4029415, 9 pages, 11/26/2016
		29	Optimal balking strategies for high-priority customers in <i>M/G/1</i> queues with 2 classes of customers, <i>J. Appl. Math. Comput.</i> (2016) 51:623–642, 09/25/2016
		30	Two-choice regulation in heterogeneous closed networks, <i>Queueing System</i> , 2016, 82, pp. 173–197, Springer, 07/20/2016
		31	Analysis of a clearing queueing system with setup time, <i>RAIRO-Oper. Res.</i> 49 (2015) 67–76, 03/12/2016
		32	Robust Queueing Theory, <i>JOURNAL OF Operations Research</i> Vol. 63, No. 3, May-June 2015, pp. 676-700, 11/24/2015
		33	Analysis and performance optimization of a <i>Geom/G/1</i> queue with general limited service and multiple adaptive vacations, <i>Pac. J. Optim.</i> 11 (2015), no. 1, 57–78. 60K25 (90B22), 09/22/2015
		34	Vine copula specifications for stationary multivariate Markov chains, <i>J. Time Ser. Anal.</i> 36 : 228-246 (2015), 07/11/2015
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		38	Validity of heavy-traffic steady-state approximations in multiclass queueing networks, <i>Inform. (mathematics of Operations Research): Math. Oper. Res.</i> 39 (2014), no. 1, 121-162, 07/18/2014
		39	The <i>M/G/1</i> Queue with Unreliable Server, Delayed Repairs, and Bernoulli Vacation Schedule under <i>T</i> -Policy, <i>AAM Intern. J.</i> , Vol. 8, Issue 2 (December 2013), pp. 346 – 365, 06/11/2014
		40	Statistical analysis with Little's law, <i>Oper. Res.</i> 61 (2013), no. 4, 1030-1045, <i>Oper. Res.</i> 61 (2013), no. 4, 1030-1045. 03/26/2014

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		43	Markov chains competing for transitions: application to large-scale distributed systems, <i>Methodol. Comput. Appl. Probab.</i> 15 (2013), no. 2, 305-332, 12/21/2013	
		44	Analysis of the Finite-Source Multiclass Priority Queue with an Unreliable Server and Setup Time, <i>Naval Research Logistics</i> , Vol. 60 (2013), 2013 Wiley Periodicals, Inc. 09/30/2013	
		45	Repair systems with exchangeable items and the longest queue mechanism, <i>Queueing Syst.</i> 73 (2013), no. 3, 295-316, 07/08/2013	
		46	Asymptotic Irrelevance of Initial Conditions for Skorohod Reflection Mapping on the Nonnegative Orthant, <i>Mathematics of Operations Research</i> , Vol. 37, No. 2, May 2012, pp. 301-312, 02/02/2013	
		47	Time-dependent analysis for a queue modeled by an infinite system of partial differential equations, <i>Sci. China Math.</i> 55 (2012), no. 5, 12/02/2012	
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		49	Queueing systems with synergistic servers, EN (English summary), <i>Oper. Res</i> 59 (2011), no.3, 772-780, 03/06/2012	
		50	Dynamic Pricing and Scheduling in a Multi-class Single-server Queueing System, <i>Queueing Syst</i> (2011) 67: 305–331, DOI 10.1007/s11134-011-9214-5, 01/03/2012	
		51	Large number of queues in tandem: scaling properties under back-pressure algorithm, <i>Queueing Syst.</i> 67 (2011), no. 2, 111--126. 90B22 (60K25 60K35 68M20 90B15), 08/16/2011	
		52	Some Results for the actual waiting time in batch arrival queueing systems, <i>Stochastic Models</i> 26 (2010), no. 3, 335-356, Taylor & Francis Publishers, 06/18/2011	
		53	Sensitivity to service time in infinite-server system, <i>J. Oper. Res. Soc. Japan</i> 53 (2010), no. 1, 1 19, 10/09/2010	
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		58	Strong stability of queues with multiple vacation of the server, <i>Stoch. Anal. Appl.</i> 26 (2008), no. 3, 665--678. 60K25 (60J25 62L20 90B22), 08/14/2008	
		59	Multiple eigenvalues in spectral analysis for solving QBD processes, <i>Methodol. Comput. Appl. Probab.</i> 10 (2008), no 1, 73-83, 06/10/2008	
		60	Exact waiting time and queue size distributions for equilibrium $M/G/1$ queues with Pareto service, <i>Queueing Syst</i> (2007) 57: 147–155, DOI 10.1007/s11134-007-9052-7, 05/27/2008	
		61	Structural results on a batch acceptance problem for capacitated queues, <i>Math. Meth. Oper. Res.</i> (2007) 66: 263–274, DOI 10.1007/s00186-006-0137-6, /Published online: 18 January 2007, Springer- 03/27/2008	
		62	A fluid system with coupled input and output, and its application to bottlenecks in ad hoc network, <i>Queueing Syst</i> (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	
		63	The discrete-time $GI/Geo/1$ queue with working vacations and vacation interruption, <i>Adv. Math. Comput.</i> 185 (2007), no 1, 1-10, 08/13/2007	
		64	Heavy Traffic Limits Via Brownian Embeddings, <i>Probability in the Engineering and Informational Sciences</i> , 20, 2006, 595-598. Printed in the U.S.A. , 06/26/2007	
		65	Improved algorithm for rate event simulation with heavy tails, <i>Adv. In Appl. Probab.</i> 38 (2006), no 545- 558, 05/07/2007	
		66	Product form solution for exponential G -networks with dependent service and completion of service of killed customers, <i>Comput. Mang. Sci.</i> 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, 2022		
	2	NSF Panelist, 2017		
	3	SAGE Open Reviewer, 2016		
	4	Science, Mathematics, & Research for Transformation, SMART, National Defense Education, DoD, 2017, 2018, 2022		
	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	
	5	aaup.org , American Association of University Professors (AAUP), Member since October 5, 2023		
	(ii)	PAST		
		1	Association for Sunervision and Curriculum Development (ASCD). 2000 - 2004	

14. cont.	(ii) cont	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, Certificate in Effective College Instruction, April 7, 2021 ACUE, Teaching Online Certified, May 2022 ACUE, Certificate for Inclusive Teaching For Equitable Learning, July 23, 22		
(iii)	Received 2 certificates of online teaching from PV CIITS (a) Introduction to Teaching Online (ITO), May 28, 2021 (b) Getting Ready for Quality Matters Workshop (GRQM), June 4, 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 <i>eighteen-month master program with three focuses: (1) Applied Statistics, (2) Mathematical Biology, and (3) Space Engineering Science</i> . Pending for approval. Expected implementation date, Spring 2015		
(vii)	MBMT Degree , a combined five-year program starting from undergraduate through a bachelor’s 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 collaborated in this effort. The course began being offered in the fall 2008 for engineering 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		

16. cont.	(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
	(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)	Presented at the Mathematics Department Colloquium on April 2025, Prairie View A&M University (PVAMU), Texas, USA.
	(ii)	Presented at the 2025 Texas (Partial) Differential Equations Conference, held at the University of Houston-Downtown (UHD) on Saturday, March 8, 2025.
	(iii)	Stochastic Three-stage Hiring Model as a Tandem Queueing Process with Bulk Arrivals and Erlang Phase-Type Selection, $M^X/M^{(k,K)}/1 - M^Y/E_r - \infty$ 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, 33 rd 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 $M/M/c$ Queueing System. Scheduled session number 1023-60-239
	(x)	Texas Association of Academic Administrators in Mathematical Science, October 6-7, 2006, Waco, Texas
	(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 $M/M/c$ Queueing System
	(xiii)	Mathematics Department Colloquium, April 4, 2005, A Queueing System with Delayed-Service, Prairie View A&M University, Prairie View, TX
	(xiv)	5 th Annual Chancellor's Invitational Conference for the Academy for Educator Development, June 24 – 26, 2004, Houston, TX

17 Cont	(xv)	30 th 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
	(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 - 15, 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 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
	(xxxiv)	The Annual Meeting of the South Carolina Academy of Science, University of South Carolina, Coastal Carolina College, Conway, S. C., 1992
	(xxxv)	The Second International Conference on Applied Mathematics and Industry (ICIAM), Washington, DC, 1991
	(xxxvi)	The Annual meeting of the Statistical Society of Canada (SSC), University of Toronto, Toronto, Ontario, Canada, 1991
	(xxxvii)	The Annual Meeting of the South Carolina Academy of Science, University of South Carolina at, Spartanburg, SC, 1991
	(xxxviii)	Twentieth Annual Pittsburgh conference on Modeling and Simulation, University of Pittsburgh, Pittsburgh, Pennsylvania, 1989
	(xxxix)	Annual Meeting of the South Carolina Academy of Science, University of South Carolina, Columbia, SC, 1989
	(xxxx)	The Annual Meeting of the South Carolina Academy of Science, South Carolina State University, Orangeburg, SC, 1988
	(xxxxi)	The 60th Annual Meeting of the South Carolina Academy of Science, University of South Carolina, Columbia, South Carolina, 1987
	(xxxxii)	Eighth Conference on Stochastic Processes and Their Applications. Canberra, Australia, 1978
18.	PROFESSIONAL CONFERENCE PARTICIPATION AS A GUEST SPEAKER, KEYNOTE SPEAKER, CHAIR, PRESIDERS, MODERATOR, OR EXHIBITOR	
	(i)	Keynote speaker (Online). International Conference on Mathematics and its Applications in Science & Technology (ICMAST-2024) at Shri Ram Murti Smarak College of Engineering and Technology, Bareilly (U.P.) India, jointly organized by Central University of Punjab, Bathinda, India and Pondicherry University, Pondicherry, India.
	(ii)	Guest of Honor , Advances in Pure and Applied Mathematics (ICAPAM- 2023), Ganpat University, India, on 27th - 28th of October 2023
	(iii)	Guest Speaker , First International Conference on Mathematics and Computation, October 22-23, 2021. A <i>MAP</i> Single-server Service Queueing System with Splitting and varying Batch Size Delayed-Feedback, October 22, 2021
	(iv)	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

18. cont	(v)	The Joint Meeting of AMS, SIAM and MAA, Baltimore, Maryland, January 14-16, 2019
	(vi)	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
	(vii)	Guest Speaker for the Eighteenth Annual Mathematics Conference of Bangladesh Mathematics Society, Dhaka, Bangladesh, December 2013
	(viii)	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
	(ix)	Session Chair for CP17, 2008 SIAM Annual Meeting, San Diego, California, July 10, 2008
	(x)	Keynote Speaker , Applications of Mathematics in Engineering and Economics, 33 rd International Conference, Sozopol (Bulgaria), 8–14 June 2007
	(xi)	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
	(xii)	SIAM Parallel Processing for Scientific Computing, San Francisco, CA, 2/22 – 24, 2006. Chaired Session on Scheduling, CP14
	(xiii)	The Annual Meeting of the Society for Industrial and Applied Mathematics (SIAM), Atlanta, GA, May 11 - 16, 1999. Exhibitor
	(xiv)	The 77 th Annual Meeting of the National Council of Teachers of Mathematics (NCTM). San Francisco, California, April 22 - 24, 1999. Presider
	(xv)	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
	(xvi)	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
	(xvii)	Department of Mathematics, Kent State University, Kent, Ohio, 1686. Guest Speaker
	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
	(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

18. Con	(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 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				
19.	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 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				
20.	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 end on December 31, 1998. Teaching statistics to the 10 th or 11 th grade high school students, using a 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. Dept of Commerce (EduLINK) to establish a distance-learning project with Loyola Marymount University, L. A., Calif, and Sinte Gleska University, Rosebud, South Dakota, 1994				
	(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				
21.	FUNDED/PENDING GRANT PROPOSALS					
		Date	Source	\$	Title	With
	(i)	2025 - 2026	PVAMU RISE	\$7,200.00	Numerical Applications of Delay Differential Equations	Research Mentor

21 cont	(ii)	2024-2025	PVAMU RISE	\$24,000	Comparison of population growth estimation with different distributions, undergrad research student <i>M/M/c</i> linked to Up & own, Ph.D. student	Research Mentor
	(iii)	2023-2024	PVAMU RISE	\$6,000	Airplanes transportation between two Airport, undergrad student	Research Mentor
	(iv)	December 2021 - 2023	Research Grants Spence Found	\$50,000	Project-Based Learning in a College-Level Probability and Statistics Course	Indika. PI Burnett, Co-PI
	(v)	Sum 2017	PVAMU-Mini	\$20,000	Improvement of the UD Design for Phase 1 Trials	Dr. Indika
	(vi)	Summer 2016	PVAMU-Mini Grant	\$20,000	Single-server queueing system with splitting and batch delayed-feedback with general distribution	Dr. Michev
	(vii)	Summer 2015	PVAMU-Mini Grant	\$20,000	Teaching and Learning Fund Concepts of Math and Stat through Dev of Apps TX' Complete Col America (CCA)	Dr. Lian
	(ix)	June 2013	Texas High Board	\$36,000	FOCUS (Funda of Concept Unders & Success) Project	
	(x)	November 2012	National Science Foundation	\$ 398,000	Integrated Undergrad Research Exper in Bio and Math Sci (UBM) in collaboration with TAMU-College Station	TAMU-College Station
	(xi)	August 2010	NSF	\$ 398,000	UBM	Dr. Fu as PI
	(xii)	06/20/2003	The Regent's Initiative The Texas A&M University System	\$13,000	<i>RT-HO Method: An Alternative Method of Teaching Statistics vs Traditional Teaching Method</i>	
	(xiii)	03/12/2003	NSF, Title III	\$ 58,300	<i>Enhancement of the Mathematics Research Environment for Faculty and Students</i>	Dr. Lian
	(xiv)	03/29/2002	US Department of Education	\$299,994	<i>Minority Science and Engineering Improvement (MSEIP), Instructional, CFDA 84.120A</i>	Dr. Mbamalu
	(xv)	02/21/2002	UNCF/Mellon	\$ 15,000	<i>Undergraduate Fellowship Mentor for Curtis Lane</i>	Dr. Ming Yin
	(xvi)	06/15/2001	NSF	\$ 56,431	HBCU-UP Planning Grant Proposal	Dr. J. Scott
	(xvii)	02/21/2000	UNCF/Mellon Pro	\$ 15,000	Undergrad Fellowship Mentor for Kristan McGresham	Dr. Ming Yin
	(xviii)	02/16/1998	ICUSC	\$ 2,500	Efficiency of the "Working Together Project", Faculty Sponsored Research	A. Bouelet
	(xix)	02/15/1997	ICUSC	\$ 2,500	Impact of the Million Man March on Black Owned Businesses: A Case Study, Faculty Sponsored Research	D. Gleaton
	(xxi)	02/15/1997	ICUSC	\$ 1,400	Relev of the SAT or CAT in Col Acad Perform: A Case Study, Faculty Sponsored Research	L. Brown
	(xxi)	03/01/1996	NSF	\$ 200,997	Benedict Precollege Statistics Project (BP STAT): Increasing access to Science and Mathematics	
	(xxii)	02/15/1996	ICUSC	\$ 1,400	Benedict College Students Acad Performance Analysis,	L. Davis
	(xxiii)	10/03/1995	Benedict Program	\$ 2,400	Service Learning Project	
	(xxiv)	01/28/1994	MAA	\$ 4,960	Planning Grant for High School Students Mathematics	Brekke
	(xxv)	01/05/1993	Sponsors Program, Benedict	\$ 2,074	<i>What Math Should Undergraduates Learn</i>	