

STAFF HANDBOOK

Name	Atina Ahdika		
Position	Actuarial Science		
Academic career		Institution	Year
	Initial Academic Appointment	Universitas Islam Indonesia	2014
	Master Degree	Institut Teknologi Bandung	2013
	Undergraduated Degree	Institut Teknologi Bandung	2012
Employment	Position	Employer	Period
	Lecturer	Universitas Islam Indonesia	2014-2016
	Assistant Professor	Universitas Islam Indonesia	2016-now
Research and development projects over the last 5 years	<ol style="list-style-type: none"> 1. Pengukuran Kepuasan Dosen Universitas Islam Indonesia (Kariyam, Atina Ahdika, Achmad Fauzan, Elyza K., Rina Mulyati), Penelitian BPM, tahun 2020, Rp. 30.000.000,00. 2. Diversifikasi Daerah Pertanian Berdasarkan Pengaruh Risiko Cuaca Menggunakan Model Copula Dinamik dan K-Means Clustering (Atina Ahdika, Mujiati Dwi Kartikasari, Sekti Kartika Dini), Penelitian Unggulan DPPM UII, tahun 2019, Rp 44.000.000,00. 3. Desain Model Stokastik pada Skema Asuransi Syariah (Mujiati Dwi Kartikasari, Atina Ahdika, Dina Tri Utari), Penelitian Unggulan DPPM UII, tahun 2019, Rp 41.150.000,00. 4. Pengukuran Kepuasan Mahasiswa Universitas Islam Indonesia (Kariyam, Atina Ahdika, Achmad Fauzan, Elyza K., Rina Mulyati), Penelitian BPM, tahun 2019, Rp. 30.000.000,00. 5. Penentuan Pola Perubahan Perilaku dan Peluang Resistensi Larva Nyamuk <i>Aedes aegypti</i> terhadap Insektisida Organofosfat Menggunakan Analisis Rantai Markov (Atina Ahdika, Novyan Lusiyana), Penelitian Dosen Pemula DPPM UII, tahun 2015, Rp 9.500.000,00. 		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	<ol style="list-style-type: none"> 1. Atina Ahdika, Dedi Rosadi, Adhitya Ronnie Effendie, and Gunardi. <i>Household Margin Insurance of Agricultural Sector in Indonesia using a Farmer Exchange Rate Index</i>. Agricultural Finance Review, Forthcoming, 2020. 2. Atina Ahdika, Dedi Rosadi, Adhitya Ronnie Effendie, and Gunardi. <i>Modeling Indemnity of Revenue-Based Crop Insurance in Indonesia using Time-Varying Copula Models</i>. AIP Conference Proceedings 2192 (1), 030001, 2019. 3. Atina Ahdika, Dedi Rosadi, Adhitya Ronnie Effendie, and Gunardi. <i>The Impact of Weather Risk on the Estimation of Yield-Based Agricultural Losses and Value at Risk using Copula Models</i>. ISI-World Statistics Congress 2019 3, 216-224, 2019. 4. Atina Ahdika. <i>Mathematical Model and Numerical Simulation of Dual-Channel Multiphase Bulk Arrival Queuing System with Heterogeneous Service Time</i>. Journal of Physics: Conference Series 1127 (1), 012070, 2019. 		

	<ol style="list-style-type: none"> 5. Atina Ahdika, Dedi Rosadi, Adhitya Ronnie Effendie, and Gunardi. <i>Copula Modeling to Identify the Dependency Structure of Agricultural Production and Its Environment Indicators in Indonesia</i>. International Journal of Supply Chain Management 7 (4), 172-179, 2018. 6. Atina Ahdika and Novyan Lusiyana. <i>Investigation of Aedes aegypti's Resistance Toward Insecticides Exposure using Markov Modeling</i>. International Journal of Mosquito Research 5 (4), 44-50, 2018. 7. Novaldy Pratama Putra and Atina Ahdika. <i>Tandem Queue Analysis to Evaluate Service Procurement Process in Pupuk Kaltim Inc</i>. Journal of Advanced Research in Dynamical and Control Systems 10 (2), 205-210, 2018. 8. Atina Ahdika. <i>Improvement of Quality, Interest, Critical, and Analytical Thinking Ability of Students through the Application of Research Based Learning (RBL) in Introduction to Stochastic Processes Subject</i>. International Electronic Journal of Mathematics Education (IEJME-Mathematics Education) 12 (2), 167-191, 2017. 9. Atina Ahdika, Novyan Lusiyana, and Muhammad Hasan Sidiq Kurniawan. <i>Anticoagulant Effect on Pre-Adult Growth of Aedes aegypti using Artificial Membrane Feeding with Stochastic Approach</i>. Model Assisted Statistics and Application 11 (4), 339-348, 2016. 10. Atina Ahdika. <i>Distribution of the Difference of Two Independent Poisson Random Variables and Its Application to the Literate Population Data</i>. EKSAKTA 15 (1-2), 61-75, 2015. 		
Activities in specialist bodies over the last 5 years	Organization	Role	Period
	Ikatan Statistisi Indonesia	Member	2019-now
	Indonesian of Mathematical Society (IndoMS)	Member	2019-now