

UNIVERSITAS NEGERI MAKASSAR

(State University of Makasar)

Jalan A.P. Pettarani, Makassar – Sulawesi Selatan – Indonesia – 90222

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CURRICULUM VITAE

Personal Information	
First Name/Surname	Sukarna
Address	BTN Tabaria Blok G10 No. 6 Makassar, Sulawesi Selatan, Indonesia - 90224
Telephone/Mobile Phone	+62 85396553535
Email	sukarna@unm.ac.id
Nationality	Indonesia
Place and Date of Birth	Piang-NTB, 13 th of March 1973
Gender	Male



Education background		
Year	University/Institute	Description
2002-2004	Department of Statistics, Faculty of Mathematics and Science, Institute of Technology of Sepuluh Nopember, Indonesia (Postgraduate/Master degree)	Title: M.Si. (Master of Science) Grade Point Average: 3.83 (max: 4.00) Graduate : Cum Laude Final Project: Nonparametric Kernel Test For Neglected Nonlinearity in Regression Models
1996-1998	Department of Mathematics, Faculty of Mathematics and Science, State University of Makassar,	Title: S.Pd. (Bachelor of Mathematics Education) GPA: 3.33 (Max: 4.00) Graduate: The best graduate in Department

Education background		
Year	University/Institute	Description
	Indonesia (Undergraduate program)	of Mathematics Final Project: The study of Grade 2 Students' Ability of Junior High School (SMPN 3) Ujung Pandang
1991-1994	State University of Mataram, Indonesia (Undergraduate diploma)	Title: A.Md. (Diploma III of Mathematics Education) GPA 3.13 (Max. 4.00)

Scholarships			
No.	Year	Scholarship Types & Year	Place of study
1	October – December 2016	English Course (Pre-Departure English Course Batch II, 2016)	Language Center, Institute Technology Bandung
2	August – December 2012	English for Academic Purpose (EAP) and IELTS Preparation	IALF Bali
3	October – December 2011	English Course (Pre-Departure English Course Batch II, 2011)	State University of Malang, Indonesia
4	Sept. 2002 – August 2004	BPPS Directorate General for Higher Education Qualification: Master of Science	Sepuluh November Institute of Technology
5	Feb 1997 – August 1998	Supersemar Scholarship, Directorate General for Higher Education Qualification: Sarjana Pendidikan (Bachelor of Education)	State University of Makassar, Indonesia
6	Sept 1991 – August 1994	Supersemar Scholarship, Directorate General for Higher Education Qualification: Sarjana Pendidikan (Bachelor of Education)	State University of Mataram, Indonesia

Awards and recognition			
No.	Year	Awarding body	Description of recognition
1.	2014	State University of Makassar (UNM)	The best outstanding leader of study program at UNM
2.	2013	Faculty of Mathematics and Science, State University of Makassar, Indonesia	The second most outstanding lecturer at FMIPA UNM
3.	2006	State University of Makassar (UNM)	The second best community service staff at UNM
4.	20 th August, 2004	Sepuluh November Institute of Technology (ITS)	Graduate with Cum Laude
5.	February, 1998	Faculty of Mathematics and Science, State University of Makassar, Indonesia	The second best graduate at FMIPA UNM
6.	September, 1994	Faculty of Teacher Training and Education (IKIP), State University of Mataram (UNRAM)	The best Graduate at FKIP UNRAM

Working Experiences				
No.	Year	Position	Description	Responsibility
1.	2000 - to Date	Permanent Lecturer	Department of Mathematics, Faculty of Mathematics and Sciences, State University of Makassar	Teaching undergraduate courses in the Department of Mathematics; Conducting research in mathematics and statistics, and supervising students in doing research project for degree completion and examining students' research report; Doing community service, i.e., providing data analysis consultancy for teachers, lecturers, and educational personnel.

Working Experiences				
No.	Year	Position	Description	Responsibility
2.	2013 – present	Head	Data Analysis Unit, Department of Mathematics, Faculty of Mathematics and Science, State University of Makassar	Planning, managing, conducting, analyzing data, Interpreting, reviewing, controlling, and evaluating the data analysis unit for all of activities
3.	13 th of January 2013 – 13 th of Januari 2017	Head	Study Program of Mathematics, Department of Mathematics, Faculty of Mathematics and Science, State University of Makassar	Planning, managing, conducting, controlling, reviewing, reporting an accreditation, and managing an evaluation for all of activities at the Study Program
4.	2016 – present	Treasurer	KMBS (Keluarga Menabung Beramal Saleh) is a corporation which collects' money and distributes for members	Collecting money, managing debt, and making monthly report of money
5.	2008 – 2016	Head of administrative affairs	KMBS, Department of Mathematics, Faculty of Mathematics and Science, UNM	Making a monthly report, distributing the report to members, and making a decision about debt distribution
6.	2010 – 2012	Head	Epsbed Unit, Faculty of Mathematics and Science, State University of Makassar	Training of crews, Conducting, and reporting the academic record for students monthly
7.	2007 – 2012	Head	Computer laboratory, Faculty of Mathematics and Science, State University of Makassar	Planning, Managing, Conducting Training for students and the civil servant of faculty, and monthly report of the laboratory administration
8.	2004 – 2007	Head	Mathematics Library, Mathematics Department, Faculty of Mathematics and Science, State University of Makassar	Planning, Conducting, Improving, Managing, Buying books, Reporting monthly, and Evaluating

Working Experiences				
No.	Year	Position	Description	Responsibility
9.	2006 – 2010	General secretary	Alumnus association, Faculty of Mathematics and Science, State University of Makassar	Helping the head of Alumnus, monthly report, administration work, and filing
10.	2010 - 2014	Head of Public relation	Alumnus association, Faculty of Mathematics and Science, State University of Makassar	Promotion, training managing, and create of relationship.
11.	2009-2011	Consultant	Data Analysis Unit of Mathematics Department, State University of Makassar	Analyzing the data and interpreting the results of the analysis; Facilitate training on data analysis in a variety of other colleges.
12.	2011-2013	secretary	Data Analysis Unit of Mathematics Department, State University of Makassar	Planning and implementing training programs for improving mathematics students and lecturer assistants' ability of data analysis.
13.	2004-2013	Lecturer	Mathematics Department, Muhammadiyah University (UNISMUH) Makassar	Teaching undergraduate courses in the department of mathematics
14.	2013-present	Lecturer	Mathematics Department, State University of West Sulawesi (UNSULBAR)	Teaching undergraduate courses in the department of mathematics
15.	2010-present	Lecturer	Postgraduate program, State University of Makassar	Teaching postgraduate course (magister program) especially in course of computation

Publications and journals				
No	Year	Author(s)	Title	Types of publications
1	2016	Aswi, Sukarna, Muhammad	LISA dalam Menganalisa Penyebaran Peminat Prodi Matematika FMIPA UNM Jalur SNMPTN 2015	Proceeding SEMASTAT 2016 ISBN 978-602-19877-4-2 Online: http://matematika.fmipa.unp.ac.id

Publications and journals				
No	Year	Author(s)	Title	Types of publications
		Abdy	(English: LISA in Analyzing the Spread Enthusiastic of Mathematics Study Program of FMIPA UNM Through SNMPTN 2015)	/semastat16/download/Prosiding%20SEMASTAT%202016.pdf Language: Indonesian
2	2015	Sukarna, Muhammad Abdy, Besse Asnida	Vector Autoregressive Model for Forecast Rainfall in Makassar	<i>Journal of Mathematics, Computation, and Statistics</i> Vol.01 No.01, ISSN 2476-9487 (Oct 2015) page: 1 – 8 Language: Indonesian
3	2015	Sukarna, Ahmad Zaki, Yunion Tomas	Nonparametric Linear Regression by Theil Method	<i>Journal of Mathematics, Computation, and Statistics</i> Vol.01 No.01, ISSN 2476-9487 (Oct 2015); page: 33 – 39 Language: Indonesian
4	2015	Sukarna, Rahmat Syam, Nur Rahma Yunita	Genetic Algorithm and its application to Scheduling the Lecture at Mathematics Department of FMIPA UNM	<i>Journal of Mathematics, Computation, and Statistics</i> Vol.01 No.01, ISSN 2476-9487 (Oct 2015) page: 33 – 39 Language: Indonesian
5	2015	Sukarna, St. Risma Ayu Nirwana:	Application of Multinomial Logistic Regression to Determine Factors that Affect the Study Program Selection in Department of Mathematics FMIPA UNM	<i>Journal of Mathematics, Computation, and Statistics</i> Vol.01 No.01, ISSN 2476-9487 (Oct 2015) page: 65 – 72 Language: Indonesian
6	2015	Aswi and Sukarna	Spatial Distribution Analysis of Dengue Incidence in Makassar, Indonesia.	<i>International Journal of Applied Mathematics and Statistics</i> , Vol.53, Issue No.6 2015, ISSN 0973-1377 (print), ISSN 0973-7545 (Online). Language: English online: http://www.ceser.in/ceserp/index.php/ijamas/issue/view/301

Publications and journals				
No	Year	Author(s)	Title	Types of publications
7	2014	Sukarna, Aswi, and Sahlan Sidjara	Applying SEM to Analyze the Relationship between Loyalty, Trust, Satisfaction, and Quality of Service for Students in Mathematics Study Program, State University of Makassar	<i>Proceedings ICCS-13 Vol. 27 ISBN 978-969-8858 (December 18 – 21, 2014</i> Language: English
8	2014	Aswi and Sukarna	Spatial Pattern of 2013 Dengue Incidence in South Sulawesi	<i>Proceeding of The First International Conference on Science (ICOS-1) 2014 ISBN: 978-602-72198-0-9</i> Language: English
9	2014	Sukarna and Aswi	On the Non-Negative of Probability Density Functions	<i>Proceeding of The First International Conference on Science (ICOS-1) 2014 ISBN: 978-602-72198-0-9</i> Language: English
10	2011	Sukarna	Efektivitas Model Kooperatif Tipe NHT dalam Pembelajaran Matematika Siswa SMPN 2 Pangkajene (<i>English: Assessing the cooperative Model of NHT Type in Learning Mathematics at Students' SMPN 2 Pangkajene</i>)	Jurnal MIPA dan Pembelajarannya, Vol. 6 No. 1 Januari 2011, ISSN 1907-0926 Language: Indonesian page: 13 – 19
11	2010	Sukarna	Meta Analisis Penelitian Fundamental Di Universitas Negeri Makassar (<i>English: A meta-analysis of fundamental research in State University of Makassar</i>)	Jurnal MIPA dan Pembelajarannya, Vol. 5 No. 3 September 2010, ISSN 1907-0926 Language: Indonesian Page: 37 – 42
12	2010	Sukarna	Perbandingan Kompetensi Profesionalisme Guru SMP yg belum sertifikasi dan	Jurnal MIPA dan Pembelajarannya, Vol. 5 No. 2 Mei 2010, ISSN 1907-0926

Publications and journals				
No	Year	Author(s)	Title	Types of publications
			Tersertifikasi melalui Penilaian Fortopolio serta PLPG (Studi Kasus tahun 2008) (English: Comparison among Certification, Non-certification, and PLPG Teacher of Professional Competition (case study in 2008))	Language: Indonesian page: 81 – 87
13	2007	Sukarna and Aswi	Educational Uniformity Level Analysis in the Eastern – Indonesia Region.	<i>Jurnal Alumni</i> , Special edition, September 2007, ISSN 0853 3571. Page: 186 – 195, Language: Indonesian
14	2007	Sukarna	Analisis Tingkat Pemerataan Pendidikan di KTI (English: The analysis of the level of educational distribution in KTI)	Jurnal ALUMNI, September 2007, ISSN 0853-3571 Language: Indonesian page: 186-195
15	2006	Sukarna	Pengenalan Regresi Nonparametrik pada Animasi Gerak Manusia (Teknik Pengambilan Data dan Metodenya) (English: An introduction of non-parametric regression on sequence of animation for human)	Jurnal TRANSFORMASI, Edisi Khusus, Februari 2006, ISSN 0854-7874 Language: Indonesian Page: 1 – 10
16	2006	Sukarna	Implementasi Teori Bruner dalam Pembelajaran Matematika di Kelas VIIIB SMP Negeri 3 Polewali (English: The Implementation of Bruner theory in mathematic instruction for grade 8 SMPN 3 Polewali)	Jurnal Penelitian Pendidikan: INSANI, Vol.7 No.2, Desember 2006, ISSN 1854-3712 Language: Indonesian page: 105 - 112

Publications and journals				
No	Year	Author(s)	Title	Types of publications
17	2006	Sukarna	Aplikasi Regresi Nonparametrik dalam Mengestimasi Pola Curah Hujan di Kota Makassar melalui Pendekatan Spline Kuadrat Terkecil (English: Application of non-parametric regression in estimating rainfall patterns using Least Square Spline Approach in Makasar)	Jurnal MIPA dan Pembelajarannya, Vol.01 No.01, Januari 2006, ISSN 1907-0926 Language: Indonesian page: 24-40
18	2006	Sukarna	Pengenalan Analisis Jalur (English: Introduction to Path Analysis)	Jurnal MIPA dan Pembelajarannya, Edisi Khusus, September 2006, ISSN 1907-0926 Language: Indonesian Page: 29 - 34
19	2005	Sukarna	Estimator μ dan σ^2 pada Distribusi Normal Menggunakan Metode Maksimum Likelihood (English: Estimator μ and σ^2 in normal distribution using maximum likelihood method)	TRANSFORMASI, Vol-8, No. 1, September 2004, ISSN 0854-7874 Language: Indonesian Page: 122-128
20	2005	Sukarna	Validitas dan Reliabilitas Instrumen Penelitian (English: Validity and reliability in research instrument)	Jurnal ALUMNI, Tahun 2005, ISSN 0853-3571 Language: Indonesian Page: 12 – 20
21	2005	Sukarna and Aswi	Pengenalan Simulasi (English: Introduction to Sumulation)	Jurnal ALUMNI, Special Edition, January 2005, pp 57 to 63, ISSN 08533571. Language: Indonesian
22	2005	Sukarna	Paradoks Skala Likert pada Pengukuran Sikap	EKSPONEN: Jurnal Pendidikan Matematika dan Matematika,

Publications and journals				
No	Year	Author(s)	Title	Types of publications
			(English: Paradox of Likert Scale in assessing attitude)	Edisi Khusus, Januari 2005 , ISSN 1410-5969 Language: Indonesian Page: 87-93
23	2004	Sukarna	Perbandingan Regresi Parametrik dan Regresi Nonparametrik (English: A comparison of parametric and non-parametric regression)	TRANSFORMASI, Vol-8, No. 1, September 2004, ISSN 0854-7874 Language: Indonesian Page: 11 – 20

Research and grants				
No	Year	Researcher(s)	Title	Description of Grants (position, contract & funding)
1	2016	Sukarna and Aswi	Hubungan Spatial Local Indicator dalam Menganalisa Penyebaran Demam Berdarah Dengue (Studi Tahun I: Kota Makassar) (English: The role of Spatial Local Indicator Association for analyzing the distribution of Dengue Hemorrhagic Fever (First Year Study: Makassar City)	Position: Principal-Researcher Language: Indonesian Contract: Hibah Bersaing : DIPA DPRM Kemenristek Dikti, No. 042.06-0/2016, berdasarkan Surat Perjanjian Pelaksanaan Penelitian tahun 2016 No. 153/SP2H/PL/DRPM/III/2016, dan Surat Keputusan Rektor UNM No. 1379/UN36/PL/2016 Tanggal 01 April 2016) Funding: 50,000,000 IDR
2	2016	Sukarna and Aswi	Analisis Faktor-Faktor yang Mempengaruhi Prestasi Belajar Mahasiswa Angkatan 2015 Pogram Studi Matematika FMIPA UNM (English: Factors affecting Students' Achievement at	Position: Principal-Researcher Language: Indonesian Contract: PNBP : DIPA UNM Nomor SP-042.04.2.400964/2016, tanggal 7 Desember 2015. Sesuai Surat Keputusan Rektor No. 1186/UN36/LT/2016 Tanggal

Research and grants				
No	Year	Researcher(s)	Title	Description of Grants (position, contract & funding)
			department of mathematics, FMIPA UNM)	28 Maret 2016) Funding: 8,000,000 IDR
3	2016	Said Fachry Assagaf, Sukarna and Aswi	<i>Autokorelasi Spasial Indeks Moran dalam Menganalisa Penyebaran DBD Kabupaten Gowa</i> (English: Spatial Autocorrelation of Moran Index in assessing the Distribution of Dengue Hemorrhagic Fever in Gowa Regency)	Position: Co-Researcher Language: Indonesian Contract: PNBP : DIPA UNM Nomor SP-042.04.2.400964/2016, tanggal 7 Desember 2015. Sesuai Surat Keputusan Rektor No. 2594/UN36/LT/2016 Tanggal 16 Juni 2016) Funding: 10,000,000 IDR
4	2015	Sukarna, Muhammad Abdy, Aswi	<i>Local Indicator of Spatial Association dalam Menganalisa Penyebaran Peminat Prodi Matematika FMIPA UNM Jalur SNMPTN 2015</i> (English: The role of Local Indicator of Spatial Association in analyzing the Spread of the Enthusiasts of Mathematics Study Program of FMIPA UNM by SNMPTN 2015)	Position: Principal-Researcher Language: Indonesian Contract: PNBP : DIPA UNM Nomor SP-042.04.2.400104/2015, tanggal 15 April 2015. Sesuai Surat Keputusan Rektor No. 1496/UN36/PL/2015 Tanggal 5 Mei 2015) Funding: 7,500,000 IDR
5	2014	Sukarna, Aswi, and Sahlan Sidjara	<i>Penerapan Structural Equation Modeling dalam Menganalisa Hubungan Antara Loyalitas, Kepercayaan, Kepuasan, dan Kualitas Layanan pada Mahasiswa Prodi Matematika di Jurusan Matematika FMIPA UNM</i> (English: The application of Structural Equation	Position: Principal-Researcher Language: Indonesian Contract: PNBP : DIPA UNM Nomor SP-023.04.2.415222/2014, tanggal 5 Desember 2013. Sesuai Surat Keputusan Rektor No. 873/UN36/PL/2014 Tanggal 23 Mei 2014) Funding: 10,000,000 IDR

Research and grants				
No	Year	Researcher(s)	Title	Description of Grants (position, contract & funding)
			Modeling for Analyzing the relationship between Loyalty, Belief, Satisfaction, and Serve Quality in Students of Mathematics Study Program of Mathematics Department of FMIPA UNM)	
6	2014	Aswi and Sukarna	<i>Penelusuran Perkuliahan Rumpun Aljabar Program Studi Pendidikan Matematika Jurusan Matematika FMIPA UNM Makassar Tahun Akademik 2014/2015</i> (English: An analysis of Algebra-Family Subjects in Study Program of Mathematics Education of Mathematics Department of FMIPA UNM in Academic Year Period 2014/2015)	Position: Co-Researcher Language: Indonesian Contract: PNBP : DIPA UNM Nomor SP-023.04.2.415222/2014, tanggal 5 Desember 2013. Sesuai Surat Keputusan Rektor No. 873/UN36/PL/2014 Tanggal 23 Mei 2014) Funding: 10,000,000 IDR
7	2009	Muh. Arif Tiro, Arifuddin Hamra, Sukarna	Analysis of the Determinant of Learning Outcomes Using Data from the Program for International Student Assessment (PISA)	Position: Co-Researcher Puspendik Balitbang Depdiknas RI dan World Bank
8	2008	Muh. Arif Tiro, Syahnur Said, Bahar Siring, Nurdin Arsyad, Suwardi Annas, Djadir, Sukarna , Zainuddin Rahman, Abdul Kadir	Pengembangan Kerjasama Dan Kemitraan Akreditasi Pendidikan Nonformal (English: Developing cooperation and partnership for accreditation of non-formal	Position: Co-Researcher Balitbang Depdiknas RI

Research and grants				
No	Year	Researcher(s)	Title	Description of Grants (position, contract & funding)
		Bunga, Kamri Ahmad, Musdalifah, Zulkifli Sjamsir, Anis Saleh, La Mente, Ibrahim Amiruddin,	education)	
9	2008	Muh. Arif Tiro, Patta Bundu, Awaluddin Calla, Nurdin Arsyad, Sukarna	<i>Studi Perbandingan Kompetensi Guru yang Sudah dan Belum Bersertifikat atau Ditraining</i> (English: A comparison of competencies for certified and non-certified teachers)	Position: Co-Researcher Puspendik Balitbang Depdiknas RI
10	2007	Awi and Sukarna	Partisipasi Masyarakat dalam Pendidikan Dasar dan Menengah. (English: Community participation in primary and secondary learning level)	Position: Co-Researcher Sekretariat Balitbang Depdiknas RI
11	2009	Awi and Sukarna	Pengembangan Model Pembelajaran Konstruktivistik dalam Matematika yg Melibatkan Scaffolding Metacognitive (Tahun II) (English: The development of constructivism language teaching in mathematics using metacognitive scaffolding: year II)	Position: Co-Researcher PNBP : Dirjen Dikti Depdiknas tahun 2009, No. 0220/023-042/SP2H/XXXIII/2009, tgl 15 April 2009 (Surat Keterangan Ketua Lembaga Penelitian UNM No. 828/H36.9/PG/2009 Tanggal 10 Desember 2009)
12	2009	Nurdin and Sukarna	Pengembangan Model Pembelajaran Matematika untuk Daerah Rawan	Position: Co-Researcher Contract: DIPA UNM tahun 2009, no. 0220/023-

Research and grants				
No	Year	Researcher(s)	Title	Description of Grants (position, contract & funding)
			Konflik (English: Model Development for Mathematics Learning in Dangerous Conflict Area)	042/SP2H/XXXIII/2009, tgl 15 April 2009 (Surat Keterangan Ketua Lembaga Penelitian UNM No. 896/H36.9/PG/2009 Tanggal 10 Desember 2009) Funding: 100,000,000 IDR
13	2009	Awi and Sukarna	Pengembangan Model Pembelajaran Konstruktivistik dalam Matematika yg Melibatkan Scaffolding Metacognitive (Tahun I) (English: The development of constructivism language teaching in mathematics using metacognitive scaffolding: year I)	Position: Co-Researcher PNBP : Dirjen Dikti Depdiknas tahun 2009, No. 0220/023-042/SP2H/XXXIII/2009, tgl 15 April 2009 (Surat Keterangan Ketua Lembaga Penelitian UNM No. 828/H36.9/PG/2009 Tanggal 10 Desember 2009)
14	2008	Sukarna	Implementasi KTSP di SMP Negeri 3 Bissappu Kab. Bantaeng (English: The implementation of KTSP in State Junior High School 3 Bissappu in Regency of Bantaeng)	Position: Principal-Researcher PTK : Dirjen Dikti Depdiknas th 2008, No. 030/SP2H/PP/DP2M/III/2008, tanggal 6 Maret 2008
15	2007	Sukarna and Wahidah Sanusi	Analisis Hubungan antara Kesiapan Belajar dengan Hasil Belajar Mahasiswa Jurusan Matematika FMIPA UNM (English: The relationship between Study Readiness and Result of Student of Mathematics Department of FMIPA UNM)	Position: Principal-Researcher PNBP tahun 2007, no. 12/J38.2/PG/2007 (Surat Keterangan Ketua Lembaga Penelitian UNM No. 555/H36.9/PG/2007 Tanggal 25 Oktober 2007)

Research and grants				
No	Year	Researcher(s)	Title	Description of Grants (position, contract & funding)
16	2007	Sukarna and Aswi	Pemodelan Regresi Logistik pada Penyakit DBD (suatu upaya meningkatkan keselamatan pasien DBD) (English: Logistic Regression Modeling on Dengue Hemorrhagic Fever (an effort to recovery the DHF patients))	Position: Principal-Researcher Penelitian Dosen Muda: Dirjen Pend. Tinggi Depdiknas, No. 011/SP2H/PP/DP2M/2007
17	2007	Wahida Sanusi and Sukarna	Penggunaan Log-Linier dalam Pemodelan Kesiapan Belajar Terhadap Hasil Belajar Mahasiswa Jurusan Matematika FMIPA UNM Makassar (suatu upaya dalam mengetahui kemandirian belajar mahasiswa) (English: Using Log-Linear for Modeling of Readiness to Achieve the Result of Study in Students' Mathematics Department of FMIPA UNM (an effort to know the independency of student to study))	Position: Co-Researcher PNBP: Dirjen Dikti Depdiknas, No. 011/SP2H/PP/DP2M/III/2007 (Surat Keterangan Ketua Lembaga Penelitian UNM No. 549/H36.9/PG/2007 Tanggal 2 Oktober 2007)
18	2006	Sukarna and Aswi	Aplikasi Regresi Nonparametrik dalam Mengestimasi pola Curah Hujan di Kota Makassar melalui Pendekatan Spline Kuadrat Terkecil (English: Nonparametric Regression Application to Estimate the rainfall in Makassar through Least Square Spline Approach)	Position: Principal-Researcher PNBP: Dana Rutin UNM, no. 483/J38.2/PG/2006 (Surat Keterangan Ketua Lembaga Penelitian UNM No. 483/J38.2/PG/2006)

Research and grants				
No	Year	Researcher(s)	Title	Description of Grants (position, contract & funding)
19	2006	Sukarna, Hamzah Upu, and Awi	Title: Peningkatan Kualitas Penilaian Matakuliah Kalkulus I dan II Melalui Pemberian Quiz Berlapis dengan Umpan Balik yang Disertai Catatan (English: The development of Assessment Quality in First and Second Calculus through Stratified Quiz by Feedback Note)	Position: Principal-Researcher PTK : P4T Depdiknas, No. 309/8014/P2TK&KPT/2006 (Surat Keterangan Ketua Lembaga Penelitian UNM No. 474/J38.2/PG/2006 Tanggal 28 Oktober 2006)
20	2005	Hamzah Upu, Awi, and Sukarna	Peningkatan Kualitas Penilaian Matakuliah Kalkulus Melalui Pemberian Quiz Berlapis dengan Umpan Balik yang Disertai Catatan (English: The development of Assessment Quality in Basic Calculus through Stratified Quiz by Feedback Note)	Position: Co-Researcher PTK : P4T Depdiknas, No. 309/8014/P2TK&KPT/2006 (Surat Keterangan Ketua Lembaga Penelitian UNM No. 474/J38.2/PG/2006 Tanggal 28 Oktober 2006) Language: Indonesian Funding: 10,000,000 IDR
21	2004	Hamzah Upu and Sukarna	Pengembangan Model Pembelajaran Berbasis Diagnostik dalam Upaya Meningkatkan Mutu Proses, Manajemen, dan Hasil Pembelajaran pada Matakuliah Kalkulus (English: The development of Learning Model Based on Diagnostic for improving the Quality of Process, Management, and Learning Result in Calculus)	Position: Co-researcher PTK : P4T Depdiknas, No. 372/P4T/DPPM/CAR,LPTK/V/2004 (Surat Keterangan Ketua Lembaga Penelitian UNM No. 366/J38.2/PG/2004 Tanggal 2 Nopember 2004)

Books			
No	Year	Title	Description
1	2014	Title: Pemodelan untuk Pembuat Keputusan (English: Model for Decision Making)	ISBN 978-979-3980-18-8 (346 Pages) Language: Indonesian Publisher: Andira Publisher, Makassar
2	2013	Title: Metode Ellips dalam Analisis Data Kuantitatif (English: Ellips Method in Quantitative Data Analysis)	ISBN 978-979-3980-21-8 (288 Pages) Language: Indonesian Publisher: Andira Publisher, Makassar
3	2012	Title: Pengembangan Instrumen Pengumpulan Data Penelitian (English: Instrument Improvement of Research Data Collection)	ISBN 978-979-3980-17-1 (350 Pages) Language: Indonesian Publisher: Andira Publisher, Makassar
4	2010	Title: Analisis Jalur (English: Path Analysis)	ISBN 978-979-3980-07-2 (269 Pages) Language: Indonesian Publisher: Andira Publisher, Makassar
5	2010	Title: Statistika Deskriptif Peubah Banyak (English: Multivariate of Descriptive Statistics)	ISBN 978-3980-07-9 (337 Pages) Language: Indonesian Publisher: Andira Publisher, Makassar
6	2008	Title: Pengantar Teori Peluang (English: Introduction of Probability Theory)	ISBN 978-979-3980-08-9 (334 Pages) Language: Indonesian Publisher: Andira Publisher, Makassar
7	2008	Title: Pengenalan Teori Bilangan (English: Introduction of Number Theory)	ISBN 978-979-3980-10-2 (362 Pages) Language: Indonesian Publisher: Andira Publisher, Makassar
8	2006	Title: Analisis Faktor (English: Factor Analysis)	ISBN 979-3980-06-0 (367 Pages) Language: Indonesian Publisher: Andira Publisher, Makassar
9	2006	Title: Analisis Deret Waktu (English: Timeseries Analysis)	ISBN 979-3980-05-2 (302 Pages) Language: Indonesian Publisher: Andira Publisher, Makassar

Community services				
No	Year	Staff (or position)	Title	Sources of funding
1	2016	Sukarna, Muhammad Abdy, and Nurhilalayah	IbM Pelatihan Analisis Data Menggunakan Software R bagi Mahasiswa Jurusan Matematika FMIPA Unsulbar (English: Training on data analysis using R software)	Contract: PNBPN UNM Tahun 2016, SK No. 263/UN36.10/PM/2016 Funding: 7,000,000 IDR
2	2016	Suradi Tahmir and Sukarna	IbM Pelatihan Analisis Validasi Instrumen bagi Guru SMP dan SMA Alumni Jurusan Matematika FMIPA UNM (English: Training on validating instrument for teachers at secondary and highs schools, alumni of FMIPA UNM)	Contract: PNBPN UNM Tahun 2016, SK No. 836/UN36.10/PM/2016 Funding: 17,500,000 IDR
3	2015	Muhammad Abdy, Awi Dassa, Sukarna, and Wahidah Sanusi	IbM Pelatihan Penataan Administrasi dengan Mengoptimalkan Microsoft bagi Pegawai di Universitas Negeri Sulawesi Barat (English: Training on administration management by optimizing Microsoft for staffs in State University of West Sulawesi)	Contract: PNBPN UNM Tahun 2015, SK No. 164/UN36.10/PM/2015 Funding: 8,500,000 IDR
4	2014	Sukarna and Syafruddin Side	IbM Puskesmas dan Posyandu Kecamatan Lanrisang Kabupaten Pinrang (English: Local health clinic, District Pinrang)	Contract: DIPA UNM No. 023.04.415222/2014, sesuai Surat Keputusan Rektor UNM No. 141UN36.10/PM/2014 Funding: 42,500,000 IDR
5	2006 – now	Instructor	Education and Training Profession for Teacher (PLPG) in Rayon 24 UNM Makassar	

Community services				
No	Year	Staff (or position)	Title	Sources of funding
6	2011	Principal in Team Training	Training AMOS for Teachers in Public Senior High School (SMAN) 11 Makassar	
7	2010	Principal in Team Training	Training of Formative Test Analysis for Teachers in SMAN 11 Makassar	
8	2009	Sukarna and Aswi Position: Principal in Team Training	Training of Logistics Regression on Dengue Fever for Prospective Nurses and Nurses, Physicians and Physician Candidates in Makassar	Contract: Dirjen Dikti, SK P2M No. 862a/H36.10/PM/2009, tanggal 15 Juni 2009 Funding: 50,000,000 IDR
9	2006	Sukarna, Muharram, Aswi	Pelatihan Analisis Tes Formatif Berbasis Komputer bagi Guru SD Inpres Hartaco Indah Makassar (English: Training on assessing formative tests based on computerized analysis for primary school, SD Inpres Hartaco Indah Makassar)	Position: Principal-Team Training Contract: Anggaran Rutin UNM tahun 2006 SK No. 294/J38.H12/PM/2016, tanggal 3 April 2006 Funding: 1,500,000 IDR

I hereby certify that the information given in my Curriculum Vitae is correct and complete to the best of my knowledge.

Makassar, March 13th, 2017



Sukarna