



**MINISTRY OF RESEARCH, TECHNOLOGY, AND HIGHER EDUCATION
UNIVERSITAS NEGERI YOGYAKARTA**

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STAFF HANDBOOK

A. Personal Identity

1.	Full Name	Dr. Suwardi, M.Si
2.	Functional Position	Lektor (300)
3.	NIP	196722071995121001
4.	Place and Date of Birth	Magelang, 22 Juli 1967
5.	Home Address	Plosowetan, Ngluwar, Magelang, Jawa Tengah
6.	Telephone/ Fax	-
7.	Phone	-
8.	Office Address	Jurdik Kimia FMIPA UNY Karangmalang Yogyakarta 55281
9.	Telephone/ Fax	(0274)548203
10.	E-mail	suwardi@uny.ac.id
11.	Specific expertise	Kimia Komputasi
12.	Subjects taught	a. Matematika untuk Kimia
		b. Kimia Komputasi
		c. Kimia kuantum

B. Educational Background

Program	S1	S2	S3
1. Institution Name	UGM	ITB	UGM
2. Field	Kimia	Kimia	Kimia
3. Year of Entry	1987	1997	2011
4. Graduation Year	1995	2000	2017
5. Title of Undergraduate Thesis/ Master Thesis/ and Dissertation	Penentuan tembaga dalam susu secara spektrofotometri UV-Vis	Sintesis poli (r,s)-beta-hidroksbutirat melalui pemukaan cincin (r,s)-beta-butirolakton resemik dengan katalis kompleks distannoksan	Struktur dan Dinamika Ion Zr ⁴⁺ dan Hf ⁴⁺ dalam Air, Amoniak Cair dan Campuran Amoniak-Air: Kajian Simulasi Dinamika

			Molekuler Mekanika Kuantum/Mekanika Molekuler Ab Initio
6. Promotor	<ul style="list-style-type: none"> • Dr. Ngatijo • Dr. Endang Tri Wahyuni 	<ul style="list-style-type: none"> • Prof. Dr. N.M. Surdia • Dr. I Made Arcana 	<ul style="list-style-type: none"> • Dr. Ria Armunanto • Prof. Dr. Harno Dwi Pranowo

C. Training Experience

No	Training Field	Organizer	Year	Certificate
1.				
2.				

D. Research Experiences

No	Year	Research Title	Funding	
			Source	Amount (Million Rp)
1.	2018	Struktur Dan Dinamika Kadmium(II) Dalam Amoniak Cair Berdasarkan Simulasi Dinamika Molekul Mekanika Kuantum/Mekanika Molekul (MK/MM)	DIPA UNY	15
2.	2018	Struktur Dan Dinamika Ion Hg ²⁺ Dalam Air, Amoniak Cair Dan Campuran Amoniak-Air Berdasarkan Kajian Simulasi Dinamika Molekul Mekanika Kuantum/Mekanika Molekul (MK/MM)	DIPA UNY	15

E. Community Service Experiences

No	Year	Community Service Title	Funding	
			Source	Amount (Million Rp)
1.	2018	Pelatihan Pembuatan Sabun Mandi Herbal Pada Siswa Di PKBM Al_Mustajab Kec. Banguntapan Kab Bantul Sebagai Upaya Meningkatkan Keterampilan Dan Kesehatan Masyarakat	DIPA UNY	4,5
2.	2017	Pelatihan Pembuatan Sabun Mandi alami sebagai upaya memelihara kesehatan masyarakat	DIPA UNY	5

F. International Seminar/ Workshop/ Convention Experience

No	International Seminar/ Workshop/ Convention	Year	Position (Participant/ Presenter/ Keynote Speaker)
1.	ICCHEM	2018	Presenter

G. Local and National Seminar/ Workshop/ Convention Experience

No	Local and National Seminar/ Workshop/ Convention	Year	Position (Participant/ Presenter/ Keynote Speaker)
1			
2			

H. Publication on International Journal

No	Title	Year	Journal Name and Edition
1	Structure and dynamics of Hg ²⁺ in aqueous solution: an Ab Initio QM/MM molecular dynamics study	2019	Journal of Physics: Conf. Series 1156 (2019) 012012

I. Publication on National Journal

No	Title	Year	Journal Name and Edition
1			
2			

J. Book Writing Experience

No	Year	Title	Number of pages	Publisher
1				
2				

K. Structural Position Experience

No	Position	Year	Description
1			
2			

L. Professional Experience

No	Position	Year	Description
1			
2			

M. Professional Organizational Membership

No	Professional Organizational Name	Year	Position
1			
2			

Thus this biodata made in truth to use properly.

Yogyakarta, February 28th, 2019

Dr. Suwardi, M.Si
NIP 196722071995121001