



**STAFF HANDBOOK**

Name	<b>Agus Danawan</b>																									
Position	<b>Physics Education (Electronics, Environmental Physics, Practice Electronics ) Teaching area and designation</b>																									
Academic career	<i>Initial academic appointment</i>	<i>Institution</i>	<i>Year</i>																							
		<b>Assistant Professor, Department of Physics Education of Universitas Pendidikan Indonesia</b>	<b>2001-Now</b>																							
	<i>Habilitation [German post-doctoral qualification] (Subject)</i>	<i>institution</i>	<i>Year</i>																							
	<i>Doctorate (Subject)</i>	<i>Institution</i>	<i>Year</i>																							
	<i>Master degree (subject)</i>	<i>Institution</i>	<i>Year</i>																							
		<b>Indonesia University</b>	<b>2002-2004</b>																							
	<i>Undergraduate degree (subject)</i>	<i>Institution</i>	<i>Year</i>																							
		<b>IKIP Bandung</b>	<b>1982-1986</b>																							
Employment	<i>Position</i>	<i>Employer</i>	<i>Year</i>																							
	<b>Lecturer</b>	<b>Dean</b>	<b>1987 - Now</b>																							
Research and development projects over the last 5 years	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">No</th> <th rowspan="2">Year</th> <th rowspan="2">Title of Research Project</th> <th colspan="2">Financing</th> </tr> <tr> <th>Sources</th> <th>Amount (Million Rp)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2017</td> <td>Optimization of Computer Simulation Development in Cooperative Learning Models to Minimize Physics Misconceptions in High School Students in Bandung City</td> <td>1st Stage Competitive Grant</td> <td>123</td> </tr> <tr> <td>2</td> <td>2018</td> <td>Optimization of Computer Simulation Development in Cooperative Learning Models to Minimize Physics Misconceptions in High School Students in Bandung City</td> <td>2nd Stage Competitive Grant</td> <td>143</td> </tr> <tr> <td>3</td> <td>2019</td> <td>Optimization of Computer Simulation Development in Cooperative Learning Models to Minimize Physics Misconceptions in High School Students in Bandung City</td> <td>3rd Stage Competitive Grant</td> <td>118</td> </tr> </tbody> </table>				No	Year	Title of Research Project	Financing		Sources	Amount (Million Rp)	1	2017	Optimization of Computer Simulation Development in Cooperative Learning Models to Minimize Physics Misconceptions in High School Students in Bandung City	1st Stage Competitive Grant	123	2	2018	Optimization of Computer Simulation Development in Cooperative Learning Models to Minimize Physics Misconceptions in High School Students in Bandung City	2nd Stage Competitive Grant	143	3	2019	Optimization of Computer Simulation Development in Cooperative Learning Models to Minimize Physics Misconceptions in High School Students in Bandung City	3rd Stage Competitive Grant	118
	No	Year	Title of Research Project	Financing																						
				Sources	Amount (Million Rp)																					
	1	2017	Optimization of Computer Simulation Development in Cooperative Learning Models to Minimize Physics Misconceptions in High School Students in Bandung City	1st Stage Competitive Grant	123																					
	2	2018	Optimization of Computer Simulation Development in Cooperative Learning Models to Minimize Physics Misconceptions in High School Students in Bandung City	2nd Stage Competitive Grant	143																					
3	2019	Optimization of Computer Simulation Development in Cooperative Learning Models to Minimize Physics Misconceptions in High School Students in Bandung City	3rd Stage Competitive Grant	118																						



Industry collaborations over the last 5 years	-			
Patents and proprietary rights	No.	Title	Type	Year
	1	Class XI High School Optical Instrument Learning Devices Using Active Learning Of Optics And Photonics Computer Simulation Assisted	Proprietary rights	2019
Important publications over the last 5 years	<p><i>Selected recent publications from a total of approx. (give total number): 4 Publications</i></p> <p><i>Author(s)</i></p> <p><i>Title</i></p> <p><i>Any other information</i></p> <p><i>Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers</i></p>			
	No	Publication	Author (s)	
	1	Development Software of Al-SiO <sub>2</sub> -Si MOS IV Characterization in Accumulation Case Applied Physics Research	Yuyu RTY, Lilik H, Endi S <b>,Agus Danawan</b>	
	2	Analyzing Students' Misconceptions about Newton's Laws through Four-Tier Newtonian Test (FTNT) TURKISH SCIENCE EDUCATION Volume 16, Issue 1, March 2019	Ida K, <b>, Agus Danwan</b> , Iyon Suyana, Achmad Samsudin, Endi Suhendi	
	3	Application of Flipped Classroom in the context of ESD to build students' Sustainability Awareness JNSI: Journal of Natural Science and Integration p-ISSN: 2620-4967   e-ISSN: 2620-5092 Vol. 2, No. 2, Oktober 2019, Hal 1-3	Gabriel Clarisa, <b>Agus Danawan</b> , Muslim, Agus Fany Candra W	
	4	An Analysis of Students' Misconceptions About the Implementation of Active Learning of Optics and Photonics Approach Assisted by Computer Simulation  International journal of Emerging Technologies in learning (JET), eISSN, 1863-0383- Vol 15, No.15, 2020	Ida Kaniawati, Sri Rahmadani, Nuzulira Janeusse Fratiwi, Iyon Suyana,  <b>Agus Danawan</b> , Achmad Samsudin, Endi Suhendi	
Activities in specialist bodies over the last 5 years	Organization		Role	Periods
	Physical Society of Indonesia		Member	2015 - Now