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The influence of Different Types of Career Exploration on Achievement Career Identity Among Z Generation

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Abstract. This study aims to determine the effect of career exploration on the achievement of career identity, as well as various aspects of career exploration consisting of aspects of parental influence, economic status, personal choices, personal preferences, teacher influence, peer influence, the media, and which religious orientation most influential on identity career achievement. Using a correlational research design to determine how much influence the independent and dependent variables have. The data collection technique used a career development questionnaire. It developed from theory of the career development questionnaire, which EFA and CFA had tested to determine model fit, and both Career identity development inventories (CIDI). The sample in this study was students in South Sulawesi. The data analysis technique used was Pearson correlation and multiple regression analysis. Based on the findings, it was found that: 1. Career exploration on the career identity of generation Z students has a positive influence, 2. Several aspects of career exploration consist of personal choices, preferences, peer influence, and the media positively influencing career identity, 3. Aspects of career exploration that do not affect achievement career identity are parental influence, economic status, teacher influence, and religious orientation.

Keywords: Career exploration, Career Identity, Achievement Career Identity, Z Generation.

INTRODUCTION

Career exploration is one of the stages of human career development where they learn to know themselves, know the work environment recognize the individual's potential, especially generation Z ((H. Chen et al., 2022; Umar, 2021; Zhou & Xu, 2022). Selfexploration is characterized by how individuals want to know more about themselves and think about making choices related to ideas, values, and experiences (Reed et al., 2004). This explanation is in line with the results of research by Kim & Kim (2018) that various experiences influence career exploration in one's school environment. According to Erik J. Porfeli & Vladimir B. Skorikov (Keishing & Renukadevi, 2016), career exploration is divided into two things: diverse career exploration with a broad scope of learning related to the world of work and the individual himself and more extensive career exploration. Specifically related to indepth exploration with the main focus on aligning one's perception of oneself and career prospects, both are part of the Z generation's career development stage.

Self-exploration is a crucial stage in individual career development (Nauta, 2007). This stage is because career exploration is the initial stage for individuals to recognize themselves and their potential and get to know various types of work (Nagib & Wilton, 2020; Nordin & Seng, 2021). Nonetheless, career selfexploration often shows optimal development, influenced by the individual's immediate environment, such as parents and the social and environmental sphere (Blustein, 1988; Zikic, J., & Hall, 2009). Another research shows, Unoptimal individual career exploration is influenced by parents who do not understand child development (Caldera et al., 2003; Guan et al., 2016). Also, the career guidance process at every career level could be more optimal (Siahaan et al., 2016). Hence, individuals such as generation Z have less hope of achieving ideal career development conditions according to their stage (Chen, 2004).

The individual's career exploration process could be more optimal, resulting in various career problems, such as jobs or professions that are not following their fields. Individuals cannot take advantage of their diverse experiences to advance in their work and need to improve in developing their careers, where careers develop from time to time (Savickas et al., 2009; Van Hai et al., 2022). So that individuals cannot build their lives through their chosen careers (Pham, 2022). One of them leads to forming a career identity that is moratorium or even reaches the diffusion stage (Cote, 2006; V. Skorikov & Vondracek, 1998). Individuals with a moratorium career identity will form students who have career exploration and can consider various career possibilities, but these individuals have yet to be able to commit (Jannah, 2014; Porfeli & Savickas, 2012). Whereas individuals with career diffusion selfidentities will form students who do not have consideration for their careers due to not being at the exploratory career development stage and accompanied by not making essential choices in career decisions (Germeijs et al., 2012; Talib & Aun, 2009).

However, on the contrary, if an individual experiences an optimal career exploration process, they will form a career self-identity in the form of achievement (Fusco et al., 2019; Poux & Fry, 2015). A career achievement self-

identity is someone who has skills in assessing their abilities and interests can assess the opportunities they can achieve, can make choices and is committed to a career (Agungbudiprabowo, 2019; Hirschi & Herrmann, 2012). Individuals with this career identity can decide on the type of career they choose, determine careers, and direct their careers ideally (Germeijs et al., 2012; Talib & Aun, 2009).

The formation of achievement career identity, cannot be separated from the process of career development (Hirschi, 2011). The career development process involves exploration, commitment, and reconsideration (Lee et al., 2022; Negru-Subtirica et al., 2015). Each of developmental these stages positively contributes to forming self-identity and career achievement. However, from this process, career exploration becomes essential to study because the career exploration stage is the initial stage of students recognizing themselves (Ahn et al., 2015). They are also crystallizing a related understanding of their potential (Deng et al., 2022) regarding what types of work are appropriate to choose from (Liptak, 2006), and determine several aspects of work that are by their self-image (Srividya & Basu, 2022). The exploration process also individuals to determine the steps to achieve the types of work following their identity (Chen et al., 2021).

The study results (Batool & Ghayas, 2020) show that career exploration consists of various aspects: influence from parents, economic status, personal choices, personal preferences, teacher influence, peer influence, media influence, and religious orientation. These various types of career exploration are seen as positively contributing to shaping individual career achievement and self-identities (Berríos-Allison, 2005; V. B. Skorikov & Vondracek, 2007). In line with the results of research by Wuerth et al., (2004), career exploration with aspects of parental influence has a direct effect on career achievement identity. Furthermore, the aspects of career exploration, namely personal personal and preferences individuals have, will positively increase the identity of the career achievement generation Z (De Cieri et al., 2009; Savickas, 2002). Other aspects of career exploration can also influence individual career achievement identities, namely the economic status that a person has will affect his career achievements (Langenkamp & Carbonaro, 2018). In addition, aspects of peer influence and even the media are predicted to positively influence one's career achievement identity (Eccles, 2009; Hanushek et al., 2003; Meeus & Dekovic, 1995; Pandang & Umar, 2021).

Therefore, this study aimed to examine the effect of various types of individual career exploration consisting of aspects of parental influence, economic status, personal choices, personal preferences, teacher influence, peer influence, media influence, and religious orientation. That aspect are factor predicted to have a positive effect on forming identity career achievement among the Z generation. The Z Generation is in the process of achieving their careers at the university level by learning and acquiring the skills needed for their future careers (Aryani & Umar, 2020; Kautish et al., 2022). Based on the various descriptions of the ideal learning environment and actively learning to obtain a broad and extensive scope of information (Lalić et al., 2020; Seemiller & Grace, 2017).

METHOD

Research Instruments

1. Career Identity Development Inventory (CIDI)

The career identity development inventory (CIDI) was adapted from the questionnaire (Bennion & Adams, 1986). The questionnaire based on the development of Erikson's career identity development theory consists of 4 aspects of career self-identity: foreclosure. diffusion. moratorium. achievement. This instrument uses four answer choices from a modified Likert scale: strongly agree, agree, disagree, and strongly disagree. The previous career identity development inventory had been tested for validity and reliability through confirmatory factor analysis on JASP and was said to be valid for use. The results of the CFA test can be seen in the following table 1.

Career Development Ouestionnaire

The career development questionnaire developed by researchers based on research results (Batool & Ghayas, 2020) shows three identity factors for career development:

exploration, commitment, and reconsideration, which were first carried out by exploratory factor analysis. Career exploration consists of several aspects: parental influence, economic status, personal choices, preferences, teacher influence, peer influence, media, and religious orientation. This instrument uses four answer choices which are modifications of the Likert scale: strongly agree, agree, disagree, and strongly disagree. The career development questionnaire, namely career exploration factors, has also been tested with a confirmatory factor analysis which is contained in the following table 2.

RESULTS AND DISCUSSION

Result

Based on the results of multiple regression tests, it was found that several aspects jointly influenced the formation of student career achievement identities, which specifically can be seen in table 3.

Based on the Pearson's correlation analysis results in table 3, it was concluded that several aspects of career exploration consisting of parental influence had a significant positive relationship with achievement (p < .05; Pearson's = 148*). Economic status is significantly related to achievement (p <.05; pearson's = 116*), and personal choice has a significant relationship to achievement (p <.001; person's = 325***). Personal preferences have a significant relationship with achievement (p <.001; pearson's = 264***), influence also has a significant relationship with achievement (p <.01; pearson's = 187**), peer influence is significantly correlated with achievement (p <.001; pearson's = 243***). The media aspect of career exploration has a relationship with achievement (p < .001; Pearson's = 334***), and finally, religious orientation is related to career identity achievement (p <.001; Pearson's = 200***). Various aspects of career exploration have a positive relationship with career achievement identity seen from Pearson's value. However, those with a strong relationship consist of personal choice, personal preferences, peer influence, the media, and religious orientation.

Table 1. Confirmatory Factor Analysis Result of Career Identity Development Inventory

Instrumen	Reliabilitas	Validitas					
	McDonald's	Cronbach's	RMSEA	GFI	CMIN/DF	CFI	TLI
Career Identity	0.892	0.890	0.003	0.917	351.328/129	0.907	0.889
Development							
Inventory							
Moratorium	0.744	0.740	0	1.000	-	1.000	1.000
Diffusion	0.843	0.841	1.082e-4	0.937	-	0.921	0.882
Foreclosure	0.762	0.758	0.025	0.967	-	0.931	0.885
Achievement	0.758	0.756	5.484e-4	0.955	-	0.914	0.827
N= 290						•	•

Table 2. Confirmatory Factor Analysis Career Development Qustionnaire

Instrument	Reliabilitas		Validit	as		
	McDonald's	Cronbach's	GFI	CMIN/DF	CFI	TLI
Career Exploration	0.893	0.896	0.898	2735.879/253	0.928	0.913
Parental Influence						
Socioeconomic						
Personal Choice						
Personal preferences						
Teacher Influence						
Peer Influence						
Media						
Spiritual Orientation						
N- 200						

Table 3. Person's Partial Correlations

Variable		CIDI_ A	EkspP O	EkspS E	EkspP RB	EkspPP REF	EkspP G	Eksp PTS	EkspM	EkspO RK
CIDI_A	Pears	-								
_	on's r									
	P-	_								
	value									
EkspPO	Pears	0.148*	-							
•	on's r									
	P-	0.012	-							
	value									
EkspSE	Pears	0.116*	0.189*	-						
•	on's r		*							
	p-	0.48	0.001	-						
	value									
EkspPRB	Pears	0.325*	0.447*	0.189*	-					
•	on's r	**	**	*						
	p-	<.001	<.001	0.001	-					
	value									
EkspPPR	Pears	0.264*	0.375*	0.271*	0.465*	-				
EF	on's r	**	**	**	**					
	p-	<.001	<.001	<.001	<.001	-				
	value									
EkspPG	Pears	0.187*	0.447*	0.199*	0.497*	0.462**	-			
_	on's r	*	**		**	*				
	p-	0.001	<.001	0.042	<.001	<.001	-			
	value									

EkspPTS	Pears	0.243*	0.069	0.233*	0.292*	0.183*	0.334*	-		
	on's r	**		**	**		**			
	p-	<.001	0.239	<.001	<.001	0.002	<.001	-		
	value									
EkspM	Pears	0.334*	0.312*	0.265*	0.490*	0.382**	0.374*	0.128*	-	
	on's r	**	**	**	**	*	**			
	p-	<.001	<.001	<.001	<.001	<.001	<.001	0.030	=	
	value									
EkspORK	Pears	0.200*	0.426*	0.267*	0.4741	0.429**	0.401*	0.121*	0.608*	-
1	on's r	**	**	**		*	**		**	
	p-	<.001	<.001	<.001	<.001	<.001	<.001	0.040	<.001	-
	value									

^{*}p<.05, **p<.01, ***p<.001, one-tailed

Note: Parental Influence = EkspPO

Economic Status = EkspSE

Personal Choice = EkspPRB

Personal Preferences = EkpsPPREF

Teacher Influence = EkspPG

 $Peer\ Influence = EkspPTS$

Medium = EkspM

Religious Orientation = EkspORK

Table 4. Model Summary

Model	R	R ²	Adjusted R ²	RMSE
Ho	0.000	0.000	0.000	2.569
H ₁	0.432	0.187	0.164	2.350

Tabel 5. Linear Regression Career Exploration Test on Achievement Career Identity

Model		Sum of Squares	df	Mean Square	F	p	
Hı	Regression	356.241	8	44.530	8.065	< .001	
	Residual	1551.515	281	5.521			
	Total	1907.755	289				

The data analysis in tables 4 and 5 explains that the influence between career exploration simultaneously with career achievement identity has a value of R2 = 0.187; F = 8.281; p<.001. Therefore, the career

exploration variable significantly affects career identity with a practical contribution of 18% of the career exploration variable, and 43% is influenced by other variables, namely career commitment and reconsideration.

Table 6. Cofficients Exploration Career terhadap Achievement Career Identity

							Collinea Statisti	
Model		Unstandardized (Standard Error	Standardized	t	p	Tolerance	VIF
Ho	(Intercept)	20.066	0.151		132.996	< .001		
Hı	(Intercept)	9.530	1.625		5.865	< .001		
	Total_EkspPO	0.011	0.108	0.007	0.100	0.920	0.670	1.493
	Total_EkspSE	-0.037	0.064	-0.034	-0.579	0.563	0.835	1.197
	Total_EkspPRB	0.271	0.121	0.162	2.239	0.026	0.554	1.804
	Total_EkspPPREF	0.224	0.113	0.132	1.979	0.049	0.653	1.532
	Tota_EkspPG	-0.110	0.093	-0.083	-1.171	0.242	0.583	1.715
	Total_EkspPTS	0.224	0.074	0.182	3.032	0.003	0.802	1.246
	Total_EkpsM	0.406	0.110	0.266	3.707	< .001	0.561	1.781
	Total_EkspORK	-0.118	0.112	-0.077	-1.051	0.294	0.533	1.875

Based on data analysis in table 6, in terms of coefficients career exploration achievement career identity, it can be explained that the influence of parents, economic status, teacher influence, and religious orientation does not affect career achievement identity, which a p-value>.05, and a negative standardized value which means the effect is negative. The career exploration aspect of personal choice significantly influences achievement ($\beta = 0.526$; p < .05), and personal preferences also affect achievement with a value $(\beta = 0.348; p < .05)$. Furthermore, the career exploration aspect of peer influence also significantly influences achievement ($\beta = 0.442$; p <.01), the media aspect also significantly influences career identity achievement (β = 0.888; p <.001). Therefore, the career exploration aspects of personal choice, personal preferences, peer influence, and the media positively influence and are also able to predict the increase in career achievement identity.

Discussion

Based on the results of data analysis, it was found that several aspects of career exploration had an effect on career identity achievement, and several aspects also had an effect on the variable y.

The career exploration variable is proven to influence career achievement identity positively. This finding shows that if Generation Z individuals have high career exploration, it can also increase their achievement (Poux & Fry, 2015). In line with the results of research by Patton & Porfeli (2007) that someone with specific diverse career exploration will get a

career that is consistent with their interests, needs, and values, and also obtained from environmental factors, opportunities that exist, and social pressures received (Chen et al., 2021; Zikic & Klehe, 2006). Therefore, with the results of previous studies, it is predicted that achieving his career identity refers to awareness of one's interests, abilities, goals, and work values ((Hirschi & Herrmann, 2012; Woo et al., 2019). In addition, it also has a meaning in which they perceive themselves according to their career role and become an outstanding career success (Henderson, 2002; Kroger, 2007; Pandang et al., 2021).

Another study finding is that several career exploration aspects influence identity achievement. Some of the aspects that are predicted to affect achievement are essential to developing individual achievement career identities as generation Z. The aspect of career exploration, namely personal choice, positively influences achievement significantly if a good individual's personal choice will also increase one's achievement (Mancini et al., 2015). The research results of Saleem et al., (2014) show that personal choices and preferences have a strong and direct impact on a person's career choices, so individuals with dominant personal choices such as skills or ability to do something. Steps in changing behaviour and thinking processes in choosing career individuals who focus logically on careers so that they continue to enjoy exploration (Abdo, 2016; Latif & Umar, 2022). In addition, personal preferences and roles that individuals will assign can shape and develop their potential. These factors will

affect career (Ausburn & Brown, 2006; Mitrovic Veljkovic et al., 2019; Pandang et al., 2022).

The career exploration aspect of peer influence also influences one's career achievement identity. Several studies have shown that peer influence is also proven to influence career achievement identity (Sianipar & Sawitri, 2015), the better the peer environment that plays a role in supporting and providing information about the outside world in achieving career identity (Savira et al., 2022; Wong et al., 2019). Furthermore, the influence of the media influences one's achievement, so generation Z has more access to information related to various professions, the job market, and knowledge about the world around them through the media and is used as an ideal learning resource (Gupta, 2019; Saleem et al., 2014). Thus, this makes them more complex in career exploration and achieving a career achievement identity by utilizing the media ((Kris, 2016; Tambolia & Paulb, 2020). However, several aspects of career exploration do not influence one's career achievement identity consisting, including parental influence, economic status, teacher influence, and religious orientation, this is different from the results of previous research explaining that achieving a career cannot be separated from parental influence who provide support, but it is also stated that economic status has little effect on getting a decent and appropriate career (Barirroh, 2020; Jungen, 2008; Selfiana, 2021). In addition, it is also explained in the results of previous studies stating that a person's success in achieving a career is also influenced by the professionalism of a teacher who provides teaching and information related to career roles (Johnson et al., 2012; Umar et al., 2022; Wallace, 2009; Yoon et al., 2007)

CONCLUSIONS AND SUGGESTIONS

Based on the findings from the results and discussion, it can be concluded that: 1) Career exploration, which is part of the individual career development factor, contributes positively to influencing career achievement identity, that the higher one's career exploration, the greater the chance to arrive at the stage of career achievement identity. 2) Aspects of career exploration that positively affect career achievement identity, namely personal choice, personal preferences, peer influence, and the media. It is explained that these aspects can

increase a person's career achievement identity.

3) However, several aspects harm variable Y, so they do not contribute to the identity of career achievement, namely the influence of parents, economic status, teacher influence, and religious orientation.

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