

Challenges Faced by International Students in Pursuing Doctoral Study: A Case Study of Saudi Students in American Higher Education Programs

ABSTRACT

Many international students aspire to seek admission to higher education and pursue their studies, especially in the US. Therefore, institutions in general and American institutions in particular must realize the students' perspectives and offer support so they can face their unique problems during their education. This review aims to look into specific learning and adaptation-related experiences of international higher education students during a challenging transition to a large, public research university in the United States. The study was conducted at an American university in the southwest. The program enrolls students worldwide seeking master's and doctoral degrees in languages and social studies. Students may select from a wide range of concentrations, such as teaching English as a Second Language, bilingual education, and social justice, to name a few. These students are often encouraged to study interdisciplinary subjects to improve their understanding of the realm of education and how it is affected by society and politics. Professors teaching these interdisciplinary subjects who descend from various countries and teach in multiple disciplines hold controversial and sometimes even contradicting visions on education and research issues. This review explored the challenges and problems that Saudi international students face while pursuing higher education. A qualitative data collection and analysis method was followed to arrive at conclusions. 6 Saudi students were interviewed in detail. Study findings revealed various academic, social, cultural, financial, and family implications. It is concluded that Saudi international students encounter specific difficulties in US institutions, such as mentoring hardships, adjustment to a new educational system, lack of administrative support, and communication gaps between the supervisors and the researchers.

Keywords: Higher education; English education; second/foreign language; academic writing; challenges.

1. INTRODUCTION

The number of international students studying in the United States of America (nearly one million for the academic year of 2014-2015) exceeded the total number of international students studying abroad in other nations altogether (Wetherill, 2015). Wetherill and Clayton (2014) indicated in their study that the population of international students represents 4% of the total population of students in the United States of America. However, nations like the United Kingdom and Australia have succeeded in obtaining and sustaining higher retention rates of international students than the United States of America (Burkholder & Holland, 2014). As an international graduate student who pursued his higher education in the United States of America, what factors are at play that contributed to such a paradox between America and other nations in terms of the retention rate? What supporting components need to be added or fixed for international students in the U.S. but were successively made available and efficiently functioning in other nations? Why do international students in the United States of America seem to need help in their academic journey? Is the problem pertinent to academic readiness?

From my own experience, I believe that a significant and logical reason behind the presence of those international

students in America (or any other nation) is their exemplary academic excellence back home; otherwise, they would not have been nominated, selected, and sponsored by their governments to represent their nations in international universities. A considerable number of international students, at least those I was privileged to meet, have reached a certain degree of fluency and eligibly passed some achievement tests that qualified and legitimized their admitted status at American schools. Therefore, the probable cause of such a struggle that some international students in the U.S. endure goes beyond their academic aptitudes. It is probably factors that deal with the new educational structure, academic life, and social world the international students have just entered (Burdett & Crossman, 2012). Their struggle revolves around issues intersecting with their cultural and national boundaries and expectations more than the lack of a specific set of academic skills. It was noted in the recent past that Saudi students face many challenges of different types: cultural issues, adaptation problems, family responsibilities, financial crises, general health, social and emotional problems, and language and academic challenges. (Albeshir,2022). While Alasmari (2023) confirmed adaptation-related issues.

1.1. Problem Statement

This paper endeavors to critically tap into some obstacles and issues that international students are confronting in the United States of America. Its ultimate goal is to help school administrators and academic advising services better understand this group of students. It also aims to assist the school administrators in tailoring their future initiatives towards more equitable comprehension and inclusion of this minority group of students and to alleviate the issues and obstacles they face. It mainly studies the advisor-advisee relationship and communication breakdowns/malfunctions between international students and their committee members or advisors. As a graduate student, I have realized that international students are more likely to experience more hardships than their American fellows due to cultural differences and the education system. So, this paper strives to inform stakeholders (school administrators, faculty, and international students alike) and disclose some of the hardships lived by and discrimination against international students regarding their access to fair use of school advisory resources. All school resources should guide students' professional development in a way that helps them 'read the world' in which they live.

2. LITERATURE REVIEW

2.1. Areview of Multiple Factors

An international student's ability to succeed in an American college no longer solely depends on his/her intellectuality, intelligence, or linguistic competence. It is also contingent upon and intertwined with so many factors. The path to success in foreign universities is more complicated than it appears. From my experience, it takes more than a sophisticated and well-formed set of academic skills to persist in the American educational system. I, and others with whom I was pleased and privileged to meet, have felt a sense of alienation and frustration, especially in our first year of studies. These sentiments were echoed by first-generation doctoral students, as revealed by (Gardner, 2013). A sense of belonging, which academic advisors can cultivate, is a very influential factor (Heisserer&Clarette, 2002). Affiliating with some community dramatically enhances one's self-esteem and efficacy. As a human being, feeling and gaining that sense of belonging and respect is significant to succeed in a context whereby all surroundings, communication patterns, and expectations look challenging and entirely novel. The advisors' appreciation, acceptance, and respect of the international students' backgrounds enhance the international students' outcomes on the personal and academic levels alike (Cadieux& Wehrly,1986).The findings of the latter accord with others in which effort, personal and academic development, and improved learning outcomes were found to be three influential factors that an advisor of international students can inspire and accomplish by being more attentive and appreciative of the students' backgrounds and funds of knowledge(Luo& Jamieson-Drake, 2013).

The criticality of the college level is emphasized in this article because, to me, a college is a place where first-hand unfamiliar spaces and identities are enormously created, given the increasingly multi-ethnic, racial, and cultural demographic in which one has to blend (Witherell& Clayton, 2014). In higher education programs level, international students are often obligated to cross the boundaries of their comfort zones to engage in unexplored experiences that could challenge their ability to thrive academically. New campuses and novel national experiences can be overwhelming (Burdett &Crossman, 2012). This unfamiliarity that international students undergo in college threatens and undermines their life chances because the college level is a critical crossroad. One avenue for students to escape this maze is to utilize counseling/advising resources through which navigating this complex educational system becomes possible, as Petress explained that there is a close connection between academic performance and comfort level. He mentioned some crucial factors contributing to the student's quality of life and achievement. (1996p. 92, as cited in Prop& Rhodes, 2006).

In a very racially and ethnically diverse educational context, as is the case of any campus in most American universities, it is expected that a decent advising service is made available for students, which is, to a large degree, the case in most American schools in the U.S. However, the fact that these counselling services were made 'accessible' may not necessarily evoke positive outcomes. Perry, Weatherford, and Lausch (2016) have revealed that international students

79 have experienced more difficulties collaborating with their academic advisors. Their study produced results that
80 corroborate the findings of a great deal of the previous work of (Hwang et al., 2014; Valka, 2015), who showed that
81 international students exhibited more concerns about their advisor-advisee relationship than their western-students peers.
82 The heterogeneousness of students' cultural backgrounds and expectations of what a decent counselling experience
83 should entail and look like represents a challenge to school administrators. This heterogeneity results from the distinct
84 dispositions and habitus that students bring with them. What I mean by habitus is "the embodiment of what one brings to
85 bear on a particular moment of being with the other in life and classroom: all the intellectual tools, languages,
86 perspectives, social practices, and so on that one has acquired or learned" (Jones & Enriquez, 2009, p. 147).

87
88 It is uncommon for students' preferences on advising to come to a consensus. Research has revealed that some students
89 found it more beneficial when advisors are known for their technical competencies rather than personal merits
90 (Pascarella, 1980). Other students value a healthy advisor-advisee relationship at the expense of other technical
91 competencies (Winston & Sandor, 1984). Nevertheless, regardless of how inconsistent the students' preferences for
92 advising are, research has shown some broad grounds amidst these diverse expectations of advisors. These broad
93 expectations are twofold: An advisor as an academic developer and a personality mentor. These two merits are what
94 students usually seek out in their advisors. However, to some extent, literature has highlighted these two features for
95 advisors to acknowledge. Why is it still a fact that breakdowns between international students and their advisors are still
96 persistent and prevalent? This inquiry is addressed in this paper.

98 2.2. Socio-cultural Problems

99
100 It has always been challenging for international students to settle down in a country with a different language and culture from their
101 home country, especially when the educational setup is unfamiliar. (Rabia and Karkouti (2017). However, Jameel et al. (2022) found
102 that most Saudi students were finally happy in Australia.

104 2.3. Financial Issues

105
106 Financial problems are always considered significant because students almost always need money for different reasons. In this
107 context, it is not that crucial for Saudi students because most of them receive funds as financial aid from the Saudi government
108 (Alremaih, 2016). Aldossari (2016) and Alhajjuj (2016) conducted similar studies and supported Alremaih's findings. However,
109 Alhajjuj (2016) and Alremaih (2016) noted that married students having children are more likely to face financial challenges because
110 they have to utilize the facility of nurseries for their young kids. Albeshir (2022) also confirmed specific difficulties, including
111 finance, which Saudi international students face in the US.

113 2.4. Family Responsibilities

114
115 Most doctoral students live with their families during their studies in the US. Males have multiple family responsibilities that they
116 want to do, but it is hard, especially at the beginning of the study, to find the time that they need to do household chores. Female
117 students face issues, too. Managing time between their responsibilities toward family and education can be challenging. Female
118 international Saudi students said they need nurseries to keep their kids safe while they are away for studies on campuses. However,
119 many nurseries are too expensive and difficult to afford, especially in populated cities. (Alramadan, 2016; Alremaih, 2016).

121 3. METHODS OF THE STUDY

122 3.1. Setting of the Study

123
124 The study was conducted at an American university in the southwest. The program enrolls students worldwide seeking
125 master's and doctoral degrees in languages and social studies. Students may select from a wide range of concentrations,
126 such as teaching English as a Second Language, bilingual education, and social justice, to name a few. These students
127 are often encouraged to study interdisciplinary subjects to improve their understanding of the realm of education and how
128 it is affected by society and politics. Professors teaching these interdisciplinary subjects who descend from various
129 countries and are majoring in various disciplines hold controversial and sometimes even contradicting visions on
130 education and research issues. So, students find themselves urged to encounter different social, cultural, and even
131 academic and scientific challenges, having to deal directly with professors unrelated to their academic interests or beliefs.
132 The study followed the qualitative method for data collection and analysis.

134 3.2. Participants

135
136 A group of six international students were recruited in 2016. These students were pursuing their higher education at an American
137 university in the Midwestern region and descended from different ethnicities and genders. The group comprised three males and
138 females. All of them have advanced in their coursework phase. Four of them had their program of studies finished and the other two

were about to complete their courses. All but one of the participants were married and had teaching experiences of at least four years. Four of the participants have children. All participants are in their mid-thirties of age. The participants' advanced position in their programs of study will inform the tentative findings in this project as the participants have experienced and gained adequate and rich knowledge about the nature of academic relationships in the American educational structure. It is also worth mentioning that the participants and the researcher shared a solid academic relationship. We used to attend many conferences and professional developmental workshops that the school used to organize. The next pseudonyms refer to the participants in the findings/discussion sections: Michel, John, Zizo, Suzan, Sarah, and Brittney.

3.3. Instrument and Implementation

To collect data for this paper, an 'interview' was designed and implemented to collect qualitative data. As a researcher, I wanted to collectively discuss and shed light on some critical aspects that some of us (international students) might have or are currently experiencing. I offered the interview at different times and days to best suit each one's time. The participants have agreed on the location and date for the interview. Unofficial consent forms (invitations) were also sent to the participants. The participants were also informed that our discussion would be recorded. Two of them attended the interview, while the rest responded via Zoom.

3.4. Research Questions

The research aimed to explore the following questions:

1. What challenges, if any, do international students experience in graduate studies?
2. Are you content with the academic support you received in your graduate studies?
3. To what extent do Saudi international students face financial concerns?

4. RESULTS

4.1 Analysis of Qualitative Data

Data were recorded, transcribed, and coded as per the norms of thematic analysis. Thus, themes were finalized based on the objectives and research questions of the study. Five major themes were finalized, and analyses were done accordingly.

4.2. Thematic Analysis of the Interview

Theme.1- Mentoring hardships&cultural differences

Based on the interview responses and available literature it can be said that there are many educational differences between the two countries such as the U.S. and Saudi Arabia. (Alenezi, 2019; Alhajjuj, Almotery,2009; Alobidan, 2020; Brutt-Griffle, et al., 2020). It also was noted that various academic challenges arose due to many reasons, both cultural and academic of kind. On the one hand, students found difficulties selecting their academic advisors because the latter had a rigid set of culturally related expectations that international students still needed to meet. So, most participants experienced disappointment with the quality of advisory services they received from their academic mentors. It took a long psychologically daunting process to get a mentor who accepted the participants for who they were. On the other hand, many participants still had to compromise many of their research interests to get accepted. Many participants agreed that their mentors needed to see more added value in the research areas suggested by international students. It was uncommon in American education to explore the topics that interest international students. This process of being different from the "norms" of what is expected to be worth exploring in the American higher educational system costs the participants psychologically. Many participants felt that power dynamics infiltrated and, therefore, they felt unsupported academically. It is also a fact that while seeking admission to American universities, the candidates keep such differences in mind, and are ready to accommodate or adjust (Alenezi, 2019, Alobidan, 2020)unless the issue becomes 'religious' which a Muslim may not tolerate. (Alqahtani,2020). (Alramadan, 2016). It took the participants some time to settle and adjust to studying in the American higher education system. Adjustment issues are not only associated with cultural factors but also linguistic as some participants struggled to meet the expectations of their mentors in using the English language for academic purposes.(Alsanea, 2017).

Theme.2- Family Issues and Dependence

Most of the Saudi students at higher education level study in the US when they are married. They depend on each other. Sometimes they feel more independent in the US. Females felt more independent in their daily lives (Lefdahl-Davis &Perrone-McGovern, 2015; Macias, 2016; Alruwaili, 2017; Alenezi, 2019;). While they are independent to a great extent, It becomes challenging for some female students to balance family responsibilities and studies. In this connection, the female students were found as more indifferent towards their para-academic responsibilities because they were overburdened with their studies. Out of many challenges for female students, one is related to children's education as there are not many available nurseries or elementary schools near the international students' residences. (Alramadan, 2016; Alremai, 2016).

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199
200 **Theme.3- Financial difficulties**

201 Financial issues are not a big issue for Saudi international students studying in the US for those who get funds from the
202 Saudi government (Aldossari,2016; Alhajjui, 2016; Alremaih, 2016). However, those with additional family responsibilities
203 face real financial challenges, especially those with young children to be educated (Alhajjui, 2016; Alremaih, 2016).
204 Nursery in the US is not free like in the KSA. Moreover, not all students can work part-time due to regulations and a
205 shortage of time.
206

207 **Theme.4- Academic challenges related to the English language**

208 English language education has been noticed as one of the crucial challenges for Saudi International students.
209 (Heyn,2013; Melius, 2017; Young, & Snead, 2017; Alqarni, 2018; Alenezi, 2019; Alobidan, 2020;BruttGriffle, et al., 2020)
210 Many Saudi students agreed that their inadequate English language proficiency has adversely affected their academic
211 achievement (Sandekian, et al.,2015). In addition, reviews of studies revealed that thesis and project writing is also a
212 challenge, especially for those who could improve at academic writing.(Alenezi, 2019; Alhajjui, 2016; Alqarni, 2018;
213 Alromahe, 2018; Bar, 2017; Brutt-Griffleet al., 2020). As perceived by many professors, the academic writing skills of
214 many scholars could be better; therefore, supervisors are not entirely happy.(Alenezi, 2019; Almorshedi, Alromahe, 2018;
215 Bar, 2017). On the other hand, some researchers have explored that by the time students advance and progress, they
216 face fewer academic reading issues (Melius, 2017; Alromahe, 2018; Alenezi, 2019).

217 English language issues are related to all the skills, including listening and speaking. The fluency issue is quite crucial.
218 (Sandekian, et al., 2015). Language anxiety and hesitation are other factors that hamper such skills, especially when
219 there is a big audience. (Unruh &Obeida, 2015; Alhajjui, 2016; Young, & Snead, 2017; Alqarni, 2018; Albahlal, 2019).
220

221 **Theme.5-Academic Admission**

222 Another significant challenge Saudi students encounter is admission approval from American universities. It has been
223 noticed that some students are not satisfied with many universities' administration in the U.S. and their admission
224 requirements, such as the high score in the TOEFL, which is very difficult for quite many Saudis (Almorshedi, 2011;
225 Almotery, 2014; Alremaih, 2016). International Saudi students have felt a lack of quality support and coordination.
226

227 **5. DISCUSSION, FINDINGS, AND CONCLUSIONS**

228 **5.1. Discussion**

229 Many of the critical aspects that were taped into during the interviews concerned exploring and critiquing power systems.
230 One of the critical points deliberated in this article was the vital role of language in perpetuating the status quo of the
231 power dynamics predominant in interpersonal relationships in school settings. I sparked the discussion by briefly
232 exhibiting the potential of language and its powerful effect in shaping our social relationships, how a specific and dominant
233 ideology can be manufactured and carried over by language, and how language has created a set of norms for students
234 to follow. Then, normativity in schools (especially in the advisor-advisee relationship) has become a significant aspect of
235 our discussion. We exchanged insightful deliberations and engaged in informed discussions about how language and
236 norms in the school, as a social structure, dictate human subjectivity and agency, leaving them in a false consciousness
237 (Adorno,1982). In addition to the specific questions asked and answered, the participants reflected on their stories. They
238 showed how it was difficult for them not to follow the "norms" when approaching their advisors. "I always overthink what to
239 tell my advisor a thousand times and ahead because I do not want to make her feel like I disobeyed."
240

241 It became clear that through language and social structure, members are unconsciously commanded to follow the socially
242 reproduced, preconditioned, and looked-for "norms"(Gallagher, 1992). We also agreed that critical literacy is a practice
243 that involves resistance in social contexts. The participants could articulate their feelings and share their experiences
244 while dealing with their advisors. Through critical reflection, we came to a consensus that there was a vacuum in the
245 educational system that nurtured the occurrence of these obstacles between the advisors and their international advisees.
246 When the participants were asked to bring on their experiences in this regard, one of the participants took the initiative
247 and said, "I do not know where to start. It has been tough. I mean, um, can you believe that for two years, I was not
248 allowed to register for the courses I wanted to have? I mean, it is unbelievable. My advisor is very knowledgeable in my
249 area, but this does not give her the right to treat me like an undergrad."

250 It is clear from this example that the Saudi student felt intimidated by his advisor's authority and control and was confused
251 and frustrated. Although a sense of respect seemed to feature the participant's relationship with his advisor, which can be
252 inferred from his word "knowledgeable," a sense of being oppressed also coexisted, "does not give her the right to treat
253 me like an undergrad." John echoed the same sentiment. One other participant (John) supported the former's disposition
254 by saying: "I had the same experience, but I approached it differently. My advisor in my first year told me she was a
255 directive person from the beginning. She imposed some courses on me, and I could not take it. So, I asked for another
256 advisor".

257 Although all students agree that an advisor should always be “knowledgeable,” “supportive,” and “critical” in giving
258 feedback, it is clear that these two examples indicate the exertion of authority over international students. Another
259 powerful example is in Sarah’s comment: “I need my advisor to deal with me as an adult who has families, kids, and
260 another life besides the one on campus (says Sarah in her stories/part of her interview). When I carefully analyze her
261 words, it can be arguably inferred that there is a lack of understanding from the advisor. This lack of understanding was
262 the catalyst for the resulting breakdown between the two.
263

264
265 Feedback was a recurring theme in the interview. All the participants have agreed on its importance. What is worth
266 mentioning, though, is Michel's and John's complaints and dissatisfaction about the inconsistency they have noticed in
267 their advisors' amount of feedback. "I was not expecting such treatments from an advisor. I felt that my professional needs
268 were not met and even not respected. I came to the U.S. to learn and improve my skills from expert professors, as
269 everyone expects when he goes to a university in a leading country. I needed more feedback and a room for more
270 discussions ... to develop my research skills" (Michel, 2016).
271

272 John's narrative about feedback differed from Michel's in that he noticed his advisor's inconsistency and discrimination
273 against him. When I asked him to clarify, his response was, "We students talk. And what I noticed is that my advisor is not
274 consistent in treating all students. Some are getting critical feedback, and others' topics, I would say, are being laughed
275 at" (John, 2016). He continues, "Every time I asked him for feedback, he would say "yes" and "sure" but would never get
276 back to me. Furthermore, whenever I think of asking him, I think he will misunderstand me or get mad at me. Sad! What
277 even makes me crazy is that every time I visit him in his office, he always has something more important to do and says,
278 "Oh, I did not find time, and let us do that next time" (John, 2016)
279

280 John's and Michel's responses can be partially explained in light of the Expectancy violations Theory (EVT), which
281 analyzes how individuals respond to unanticipated violations of social norms (Burgoon, 1993). Although beneficial, this
282 theory does not explain all the breakdowns and malfunctions between international students and their advisors. The EVT
283 theory solely focuses on the expectations different interlocutors of a conversation have for each other. It overlooks the
284 potential of power dynamics in creating and sustaining obstacles for international students. The examples mentioned
285 above provide a compelling explanation of the role of the educational system in withstanding an oppressive cycle and
286 power hierarchy in the interpersonal relationship between advisor and their international students.
287

288 The participants' responses differed when encouraged to brainstorm to suggest a way out of this maze. On the one hand,
289 some found this idea appealing. On the other hand, others deemed it challenging to designate a document or take an
290 action that tolerates no discrimination against international students regarding access to and benefit of academic advisory
291 resources. Brittney stated, “I would not write anything since I did not have any negative experiences with the advisors”
292 (Brittney, 2016). Michel deemed it hard to “think of the document as an agreement”; he continues,... “The academia is a
293 community of practice where its members share, exchange, discuss, and help each other without an agreement or
294 contract” (Michel, 2016). However, John and Zizo had a different view in this regard. A common ground between the two
295 is evident in Zizo's utterance: “If we were to suggest an agreement, we would make sure it includes the following. First of
296 all, new graduate students must meet with the department's head or anyone in charge to explain to them explicitly the
297 rights and responsibilities between Ph.D. candidates and committee members” (Zizo, 2016).
298

299 Zizo's powerful utterance is one example that speaks to the participants' conclusion. Susan and Sarah proposed the
300 establishment of a workshop to take place at the beginning of each academic year. “I think it would be great if we can get
301 some from the department talk about, you know, what kind of assistance to expect from your advisor, like a bill of rights to
302 be shared” (Susan, 2016) is Collective, all the participants, including me and Brittney who experienced no obstacles at all,
303 found their proposal appealing and reasonable that the school should consider organizing and designating a particular
304 workshop in which the school representatives specify and demonstrate the students' and advisors' rights and obligations.
305 This will preserve all parties' justice. Students complain about the “lack of feedback or “guidance,” “acceptance and
306 understanding of backgrounds,” and undervalue of their “views and decisions” and many other issues they think their
307 advisors must acknowledge and respect can be resolved if the school prearranges such workshops. When these
308 workshops are publicly organized for students and advisors to attend, it becomes easier for students to identify and
309 express any discrimination, prejudice, and injustice practiced against them because they would have already learned what
310 to expect and their rights.
311

312 **5.2. Findings Summary**

313 5.2.1. Research questions and findings

314 **Research question.1- What challenges, if any, do international students experience in graduate studies?**

A review of previous studies and the responses of the current study's participants confirm that most Saudi international students face different kinds of problems and challenges: cultural differences & adjustment, family issues and dependence, financial problems, academic and linguistic barriers, etc.

Research question.2- Are you content with the academic support you receive in your graduate studies?

It has been found from the responses of the participants that mentorship challenges and power dynamics infiltrated the program and impacted the student's study plans. Almost all participants had felt disappointment with the quality of academic supervision in a higher education program in a leading country. Some students suffered financially and spent more time than they wished only to obey their academic advisor. In short, it was noted that most students face such issues, and don't get enough support from any ends.

Research question.3- To what extent do Saudi international students face financial concerns?

Finance-related issues are crucial for international students. Saudi students also encounter such problems due to many genuine reasons. Saudi government provides funding in most cases, though.

5.3. Conclusions

This review studied different challenges faced by Saudi international students while pursuing higher education in the United States. The challenges were summarized under certain specific themes/heads. It is concluded that Saudi international students encounter certain difficulties in the US institutions such as mentoring hardships, adjustment to a heterogenous educational system, lack of administrative support, communication gap between the supervisors and the researchers, family responsibilities, and financial crisis. Stakeholders in the American higher education system need to consider these challenges to provide tailored academic support for the increasing number of international students enrolling in American universities annually.

REFERENCES

- Adorno, T. (1982). Subject and object. In A. Arato & E. Gebhart (Eds.), *The Frankfurt School reader* (pp. 497-511). New York: The Continuum Publishing Company. (Original work published 1969)
- Alasmari, A. A. (2023). Challenges and social adaptation of international students in Saudi Arabia, *Heliyon*, Volume 9, Issue 5, e16283, <https://doi.org/10.1016/j.heliyon.2023.e16283>.
- Albeshir, S. G. (2022). Challenges of Saudi International Students in Higher Education Institutions in the United States - A Literature Review. *Journal of Education and Practice*. Vol.13, No.7 DOI: 10.7176/JEP/13-7-01
- Anderson, W., Motto, J. S., & Bourdeaux, R. (2014). Getting what they want: Aligning student expectations of advising with perceived advisor behaviors. *Mid-Western Educational Researcher*, 26(1), 27-51.
- Aldossari, A. S. (2016). Factors Contributing to College Retention of Undergraduate Saudi Students Studying in the United States. (Doctoral Dissertation). ProQuest 10154257
- Alhajjaj, K. K. (2016). Learning to manage: How Saudi female doctoral students in education manage academic and motherhood roles in US universities (Doctoral dissertation, University of Kansas)
- Alenezi, N. (2019). Educational and Social Experiences of Saudi Graduate Students in the USA: A Basic Qualitative Study
- Almotery, A. (2009). Saudi students' expectations, motivations, and experiences at the University of Wisconsin-La Crosse
- Almurshidi, G. (2014). Participation challenges of Emirati and Saudi students at US universities. *International Journal of Research Studies in Language Learning*, 3(5), 33-52.
- Alobidan, I. (2020). Self-efficacy and academic Adjustment's effect on the academic performance of Saudi Journal of Education and Practice www.iiste.org ISSN 2222-1735 (Paper) ISSN 2222-288X (Online) Vol.13, No.7, 2022 8 graduate students in US universities (Order No. 27993389). Available from ProQuest Dissertations & Theses Global. (2451393487). Retrieved from <https://search-proquestcom.sdl.idm.oclc.org/docview/2451393487?accountid=142908>
- Alqarni, D. S. (2018). Religion, language, gender, and culture: challenges experienced by Saudi international students in Humboldt County
- Alramadan, H. (2016). The experience of married international Saudi students in respect to adjusting to study abroad in the United States of America (Doctoral Dissertation). Retrieved from ProQuest Digital Dissertations. (10251318)
- Alremaih, D. (2016). Social and academic challenges facing Saudi female students in the United States of America
- Al-Romahe, M. (2018). Saudi International University Students' Perceptions of their Relationships with American Teachers at a Large Western Research University
- Alruwaili, T. O. (2017). Self-identity and community through social media: The experience of Saudi female international college students in the United States
- Alsanea, F. (2017). How Saudi Students Adjust to the Gender Environment in the United States: A Study of the Strategies Couples Use (University of Cincinnati).
- Bar, A. (2017) Factors affecting the acculturation of Saudi female doctoral students in a US Mid-Western research university, unpublished thesis (PhD), Indiana University.

372 Bowles, S., & Gintis, H. (1976). *Schooling in capitalist America* (Vol. 57). New York: Basic Books.

373 Brutt-Griffler, J., Nurunnabi, M., & Kim, S. (2020). International Saudi Arabia Students' Level of Preparedness: Identifying
374 Factors and Maximizing Study Abroad Experience Using a Mixed-Methods Approach. *Journal of International*
375 *Students*, 10(4).

376 Burdett, J., & Crossman, J. (2012). Engaging international students. *Quality Assurance in Education*, 20(3), 207–222.
377 Retrieved from <http://doi.org/10.1108/09684881211240286>

378 Burgoon, J. K. (1993). Interpersonal expectations, expectancy violations, and emotional communication. *Journal of*
379 *Language and Social Psychology*, 12, 30-48. doi: 10.1177/0261927X93121003

380 Burkholder, G. J., & Holland, N. (2014). International perspectives on retention and persistence. *Higher Learning Research*
381 *Communications*, 4(2), 3–10.

382 Cadieux, R. A. J., & Wehrly, B. (1986). Advising and counseling the international student. *New Directions For Student*
383 *Services*, 1986(36), 51-63. doi:10.1002/ss.37119863607

384 Fairclough, N. (2003). *Analysing discourse: Textual analysis for social research*. Psychology Press.

385 Gallagher, S. (1992). *Hermeneutics and education*. Albany: State University of New York Press.

386 Gardner, S. K. (2013). The Challenges of first-generation doctoral students. *New Directions for Higher*
387 *Education*, 2013(163), 43-54.

388 Heisserer, D. L., & Parette, P. (2002). Advising at Risk Students in College and University Settings. *College Student*
389 *Journal*, 36, 69-83

390 Heyn, M. E. (2013). Experiences of Male Saudi Arabian International Students in the United States (Unpublished doctoral
391 dissertation). Western Michigan University, Kalamazoo, MI.

392 Hwang, B., Bennett, R., & Beauchemin, J. (2014). International students' utilization of counseling services. *College Student*
393 *Journal*, 48(3), 347-354.

394 Jameel T, Baig M, Tariq S, Gazzaz ZJ, Butt NS, Althagafi NK, et al. (2022) Psychosocial, cultural, and academic
395 challenges to Saudi Arabian students in Australia. *PLoS ONE* 17(1): e0262585.
396 <https://doi.org/10.1371/journal.pone.0262585>

397 Jones, S., & Enriquez, G. (2009). Engaging the Intellectual and the Moral in Critical Literacy Education: The Four-Year
398 Journeys of Two Teachers From Teacher Education to Classroom Practice. *Reading Research Quarterly*, 44(2),
399 145-168.

400 Lefdahl-Davis, E. M., & Perrone-McGovern, K. M. (2015). The cultural adjustment of Saudi women international students:
401 A qualitative examination. *Journal of Cross Cultural Psychology*, 46(3), 406-434.

402 Luo, J. & Jamieson-Drake, D. (2013). Examining the Educational Benefits of Interacting with International Students. *Journal of*
403 *International Students*. Volume 3, Issue 2, 85-101

404 Macias, T. (2016). Saudi women studying in the United States: Understanding their experiences.

405 Melius, C. M. (2017). Saudi Student Integration in Southeastern U.S. Institutions: A Study on the Impact of Academic,
406 Social, and Cultural Adjustments Related to Academic Success (Unpublished doctoral dissertation). Auburn
407 University, Auburn, Alabama. Retrieved from: <https://etd.auburn.edu/handle/10415/5967>

408 Mills, C. W. (2000). *The sociological imagination* (40th Anniv. ed.). Oxford: Oxford University Press. (Original work
409 published 1959)

410 Pascarella, E. (1980). Student-faculty informal contact and college outcomes. *Review of Educational Research*, 50(4),
411 545–95.

412 Perry, C. J. (2016). Comparing International and American Students' Challenges: A Literature Review. *Journal of*
413 *International Students*, 6(3), 712-721.

414 Perry, Cody J.; Weatherford, Jennifer; and Lausch, David (2016). Academic Concerns of International Students in the
415 US. *Adult Education Research Conference*. Retrieved from <http://newprairiepress.org/aerc/2016/papers/30>

416 Petress, K. C. (1996). The multiple roles of an undergraduate's academic advisor. *Education*, 117(1), 91–92.

417 Propp, K. M., & Rhodes, S. C. (2006). Informing, apprising, guiding, and mentoring: Constructs underlying upperclassmen
418 expectations for advising. *NACADA Journal*, 26(1), 46-55.

419 Rabia HA, Karkouti IM. (2017). A qualitative investigation of the factors affecting Arab international students' persistence in
420 the United States. *Coll Stud J*. 51:347–354

421 Sandekian, R. E., Weddington, M., Birnbaum, M. & Keen, J. K. (2015). A narrative inquiry into academic experiences of
422 female Saudi graduate students at a comprehensive doctoral university. *Journal of Studies in International Education*,
423 19(4), 360-378. <http://dx.doi.org/10.1177/1028315315574100>

424 Unruh, S., & Obeidat, B. F. (2015). Adjusting to Learning in the US: Saudi Students Speak Out. *Journal of Higher*
425 *Education Theory & Practice*, 15(4).

426 Valka, S. (2015). Management of international students' academic adjustment: challenges and solutions. *European*
427 *Scientific Journal*.

428 Witherell, S., & Clayton, E. (2014). Open doors 2014: International students in the United States and study abroad by
429 American students are at all-time high. *Institute of International Education*.

- 430 1 Wetherill, S. (2015). Open doors 2015: International students in the United States and study abroad by American
431 students are at all-time high. *Institute of International Education*. Retrieved from [http://www.iie.org/Who-We-](http://www.iie.org/Who-We-Are/News-and-Events/Press-Center/Press-Releases/2015/2015-11-16-Open-Doors-Data#.WCjH2uErLsk)
432 [Are/News-and-Events/Press-Center/Press-Releases/2015/2015-11-16-Open-Doors-Data#.WCjH2uErLsk](http://www.iie.org/Who-We-Are/News-and-Events/Press-Center/Press-Releases/2015/2015-11-16-Open-Doors-Data#.WCjH2uErLsk)
433 Winston, R. B., & Sandor, J. A. (1984). Developmental academic advising: What do students want? *NACADA Journal*,
434 4(1), 5–13.
435 Young, B. N., & Snead, D. (2017). Saudi Arabian International graduate students' lived experiences at a U.S. university.
436 *Journal of Learning in Higher Education*, 13(2), 39-44.
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439 Appendix-A: A sample of interview questions & responses

440 Following is an example of questions asked to each of the interviewees:

- 441
- 442 • Do you face any social or cultural issues? If yes, what kinds?
 - 443 • How crucial is the financial problems faced by you as an international student?
 - 444 • To what extent is your family a factor that contributes further to challenges?
 - 445 • Do you think living alone would be better than living with your family?
 - 446 • Is English language/accent also a challenge? If yes, to what extent?
 - 447 • Do you mix up with non Saudis in gatherings? If yes, which nationalities do you interact with, and why?
 - 448 • Did you find it difficult to choose a preferred course/program?

448 A transcription sample of the participants' responses:

449 *Do you face any social or cultural issues? If yes, what kinds?

450 Michel: yes, there are. We are identified as member of a different community, and sometimes treated differently.

451 John: Cultural identities are really crucial.

452 Zizo: Interactions outside campuses are limited because it is difficult to find the time to make friends.

453 Suzan: Local administration is perhaps not much aware or concerned with the Saudi international students.

454 Sarah: We face the loss of connectedness to important family members and the lack of local community support that
455 perhaps increase their socio-psychological distress.

456 Brittney: Our collectivist cultural background lead to interactions and mixing up locally.

457 * How crucial is the financial problems faced by you as an international student?

458 Michel: The cost of life is quite high. It affects living in general.

459 John: Despite a good financial support from Saudi government, there is a need to be economic in all dimensions.

460 Zizo: Since we live with families (and children), nursery is also quite costly. We are used to frequent and even fun
461 shopping which is not easy here in the US.

462 Suzan: We often face financial anxiety due to limited funds but extra needs.

463 Sarah: It's quite obvious in the US as we spend in dollars.

464 Brittney: Not much. I get financial support from my father too.

465 * To what extent is your family and kids a factor that contributes further to challenges?

466 Michel: I am living alone.

467 John: family responsibility is crucial because we have to do all the works alone.

468 Zizo: we are blamed for neglecting family especially children.

469 Suzan: I am not worried about. My husband takes care.

470 Sarah: maintaining a balance between education and family responsibility is really challenging.

471 Brittney: Ladies are supposed to take care families. Keeping a maid in the US is extremely expensive and sometimes
472 unsafe.

473 * Do you think living alone would be better than living with your family?

474 Michel: No, it will be more troublesome.

475 John: not our culture to be away for a long time.

476 Zizo: It has advantages and disadvantages both.

477 Suzan: can't say exactly.

478 Sarah: Family is a big support.

479 Brittney: it affects anyhow: living together or not.

480

481 * Is English language/accent also a challenge? If yes, to what extent?

482 Michel: Yes, it is. Communication gap matters.

483 John: In the beginning for a few months, it was hard to grasp the accent, pitch and stress patters apart from vocabulary.

484 Zizo: English has different varieties so we need to understand.

485 Suzan: Well, sometime sound patterns negatively affect understanding and expression.
486

487 Sarah: sharing is caring.
488 Brittney: Though American English is different, not impossible to comprehend.
489 *** Do you mix up with non Saudis in gatherings? If yes, which nationalities do you interact with, and why?**
490 Michel: rarely.
491 John: sometimes (with my family)
492 Zizo: yes, when important.
493 Suzan: mostly not.
494 Sarah: We feel isolated and we are neglected too.
495 Brittney: not our culture to interact with strangers especially in private parties/gatherings.
496 *** Did you find it difficult to choose a preferred course/program?**
497 Michel: it was difficult in the beginning.
498 John: it was hard as we had not mustered enough support.
499 Zizo: we had to do everything, therefore exploring the right thing and right way was not easy.
500 Suzan: well, yes.
501 Sarah: I initially struggled.
502 Brittney: not exactly.
503
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UNDER PEER REVIEW