



## RESEARCH ARTICLE

# The Role of Media and Social Communication in Community Awareness of Autism Spectrum Disorder and Its Relationship to Changing Attitudes

Seham Reyad Alkhuffash\*

Faculty of Educational Sciences, Department of Educational Psychology, Tafila Technical University

**ARTICLE INFO****ABSTRACT**

Received: May 19, 2024

Accepted: Jul 29, 2024

**Keywords**

Media  
Social Communication  
Autism Spectrum Disorder  
Teachers  
Attitudes

This study examines the impact of media and social communication on raising community awareness of Autism Spectrum Disorder (ASD) and its effect on changing attitudes. Using a descriptive approach, the researcher developed two tools to assess media's role in awareness and attitude changes. A sample of 275 teachers from the western region of Amman was surveyed. Results showed that media and communication channels had a moderate impact on awareness and attitude change, with no significant differences based on gender, experience, qualifications, or specialization, except for a notable gender difference favoring female in attitudes. A correlational relationship between media's role and attitude change was found. The study recommends enhancing media and social platforms for ASD awareness.

**\*Corresponding Author:**

Suprting\_autisc@yahoo.com

**INTRODUCTION**

Media is widely recognized as a fundamental component of modern democratic societies, playing a crucial role in shaping public knowledge and opinions. With the advent of the 21st century, significant advancements in communication technologies and the rise of the Internet have transformed the ways in which information is disseminated and consumed (Nelson, 2000; Sokolova & Kefi, 2023). Social media platforms have emerged as vital tools for information exchange and public discourse, where users' interactions can significantly impact societal perceptions (Ariel & Avidar, 2015; Kumar et al., 2023).

Autism Spectrum Disorder (ASD) is a developmental condition that affects various aspects of a child's growth and functioning. Despite its increasing prevalence, there remains considerable variation in the understanding of ASD across different cultural contexts. Media representations of autism can influence public perceptions and impact the lives of those affected, as well as their families (Sharma & Singh, 2020; Baron-Cohen, 2022). Recent research underscores the need for effective media strategies to improve awareness, challenge misconceptions, and reduce stigma surrounding autism (Datu, 2023; Wang et al., 2023). This study investigates how media can play a role in enhancing community awareness about ASD through various forms of communication and public engagement (Schroeder et al., 2023; Hossain & Ghosh, 2024).

**Research problem**

In Jordan, there has been a notable increase in ASD diagnoses, highlighting the need for targeted research and media initiatives to address this issue. Media and social media platforms serve as crucial

tools for advocacy, public education, and awareness (Adamic, Lento, Adar, & Ng, 2016; **Kassem et al., 2024**). Observations of media interactions with educators have revealed a significant lack of information and prevalent misconceptions about autism. These misunderstandings adversely affect the integration of individuals with autism into educational settings and contribute to negative societal attitudes (Cho, Cannon, Lopez, & Li, 2022; **Bacon, 2024**).

## **THEORETICAL FRAMEWORK AND PREVIOUS STUDIES**

### **1. Media and social media**

A review of the literature on the role of media in community awareness about autism spectrum disorder reveals several challenges related to public understanding of this disorder. Wang, McKee, and Torbica (2019) highlight that misinformation is a major challenge posed by social media platforms. The role of media in cultural and social institutions is crucial for shaping public opinion towards achieving equality for individuals with disabilities and empowering them to be productive members of society rather than being dependent on others (Al Madi & Hassoun, 2023).

In this context, Turnock, Langley, and Jones (2022) argue that individuals with autism face social stigma that limits their ability to integrate into society and build interactive relationships with friends and peers. This stigma is influenced by public understanding of autism, as well as by cultural factors, gender, individual differences, and the efficiency of diagnosis and disclosure within a community. These elements significantly impact the well-being and quality of life of individuals with autism, contributing to their social isolation, stigma, and higher unemployment rates (Kor, Chua, & Imran, 2022).

In Jordan, the media plays a role similar to that of media worldwide, addressing national issues including those related to individuals with disabilities. Some studies have explored the role of Jordanian media in addressing these issues from the perspective of the families of individuals with disabilities. Based on the findings, researchers have called for media representatives to collaborate with experts and specialists in creating programs aimed at improving public perceptions and raising awareness about disability issues (Amer & Al-Otaibi, 2023).

Rosli, Mahmud, and Mahbob (2016) aimed to investigate the role of new digital media in addressing the needs of individuals with disabilities, identifying both challenges and future opportunities. Their study demonstrated how new digital media can help reduce the isolation of this group and outlined the challenges faced by traditional media in addressing their issues. The study emphasized that current concepts may be insufficient to counteract the negative effects of social media, which include the spread of misinformation (Wang, McKee, & Torbica, 2019). Consequently, media literacy should focus on awareness, understanding, and informed choices related to social media (Cho, Cannon, Lopez, & Li, 2022).

As the number of individuals with autism spectrum disorder continues to rise and their needs become increasingly diverse, it is essential to provide appropriate support and create a conducive educational environment for their integration. Media and social media can play a significant role in this process by raising community awareness and guiding decision-making (Gardiner & Iarocci, 2014).

An example of this impact is the Netflix series "Atypical," which portrays the experiences of a protagonist with autism and helps raise awareness about the disorder in an educational and engaging manner (Jones, Trott, Gordon, & Milne, 2023). In this regard, Datu (2023) suggests that accurate knowledge about autism can foster positive attitudes and kindness among high school students, as demonstrated by a study conducted in the Philippines through an online survey measuring kindness and knowledge about autism.

Finally, the teacher is a crucial component of the educational system, bearing the responsibility of shaping young minds and preparing future generations. However, UĞURLU (2023) notes that few general education teachers receive adequate training in practices for understanding students with autism spectrum disorder, highlighting the urgent need for improved teacher training and development in this area.

### **Research questions**

Based on the above, the research questions are:

1. What is the role of media and social media in community awareness among teachers about Autism Spectrum Disorder?
2. What is the role of media and social media in changing teachers' attitudes towards Autism Spectrum Disorder?
3. Are there statistically significant differences at the level of  $(0.05 \geq \alpha)$  in the role of media in community awareness among teachers due to the following variables: gender, educational level, specialization, years of experience?
4. Are there statistically significant differences at the level of  $(0.05 \geq \alpha)$  in the role of media in changing teachers' attitudes towards Autism Spectrum Disorder due to the following variables: gender, educational level, place of work, specialization, years of experience?
5. Is there a statistically significant correlation at the  $(0.05 \geq \alpha)$  level between the role of media in community awareness and the role of media in changing teachers' attitudes towards Autism Spectrum Disorder?

## **RESEARCH METHODOLOGY AND PROCEDURES**

### **Research methodology**

After reviewing relevant literature, the descriptive survey method was adopted as the most suitable approach for this study.

### **Study population**

The study was applied to teachers from the Ministry of Education and the Ministry of Social Development's special education centers in the capital governorate, with a total of 2,340 teachers from the Ministry of Education and 1,419 special education teachers from the Ministry of Social Development, according to data from the concerned ministries.

### **Sample**

The study sample consisted of 275 teachers from the western region of the capital governorate of Amman. The sample was selected using a convenient sampling method, and the researcher was able to reach them during the first semester of the academic year 2023/2024. The study tools were converted into an online questionnaire sent to the concerned parties in the Ministry of Education and the Ministry of Social Development after being reviewed. A waiting period of 25 days was allowed for responses.

### **Demographic variables of the sample**

The study sample was described according to the following demographic variables: educational level, gender, place of work, specialization, and years of experience.

**Table 1: Distribution of the study sample according to demographic variables**

| Variable          | Category             | Number | Percentage |
|-------------------|----------------------|--------|------------|
| Educational Level | Intermediate Diploma | 41     | 14.9%      |
|                   | Bachelor's Degree    | 175    | 63.6%      |
|                   | Graduate Studies     | 59     | 21.5%      |
| Gender            | Male                 | 78     | 28.4%      |
|                   | Female               | 197    | 71.6%      |
| Place of Work     | Public School        | 90     | 32.7%      |
|                   | Private School       | 185    |            |

| Variable                   | category                         | Number | Percentage |
|----------------------------|----------------------------------|--------|------------|
| <b>Years of Experience</b> | Less than 5 years - 7 years      | 103    | 37.5%      |
|                            | More than 7 - Less than 10 years | 55     | 20.0%      |
|                            | 10 years or more                 | 117    | 42.5%      |
| <b>Total</b>               |                                  | 275    | 100.0%     |

### Study tools

Based on the nature of this study, the researcher found that the most suitable tool for data collection and achieving the study's objectives was a questionnaire. Therefore, two questionnaires were prepared, each consisting of three parts: the first part gathered demographic data (educational level, gender, type of school, years of experience, and specialization), while the second part measured the role of media and social communication in community awareness. The first questionnaire contained 17 items, and the second, which focused on attitude change, included 25 items divided into three dimensions: the emotional and affective dimension (6 items), the cognitive dimension (12 items), and the behavioral dimension (7 items).

## RESULTS AND DISCUSSION

### Question 1: What is the role of media and social media in community awareness among teachers about Autism Spectrum Disorder?

To answer this question, means, standard deviations, ranks, and approval degrees for the study sample's responses to the community awareness measure were calculated. The results are shown in **Table 2**.

**Table 2: Means and standard deviations for the community awareness measure items ranked by mean**

| rank | item no. | item  | mean | standard deviation | approval level |
|------|----------|---|------|--------------------|----------------|
| 1    | 1        | Information from the media enriches our knowledge.  | 4.00 | 0.85               | high           |
| 2    | 13       | There is a need for presenting autism issues through digital media and mobile journalism.                         | 3.92 | 1.00               | high           |
| 3    | 7        | I observe that media coverage of autism topics is mostly in the form of simple news rather than in-depth reports. | 3.82 | 0.97               | high           |
| 4    | 14       | Media faces challenges in presenting autism issues due to families' reluctance to                                 | 3.81 | 0.99               | high           |

|    |    |   |      |      |          |
|----|----|---|------|------|----------|
|    |    | appear publicly or share their children's stories.  |      |      |          |
| 5  | 8  | Content about autism does not account for individual differences among teachers.                                      | 3.68 | 1.01 | high     |
| 6  | 15 | The information provided in the media about autism is outdated and does not reflect new knowledge about the disorder. | 3.60 | 1.00 | moderate |
| 7  | 9  | I find that the timing of awareness programs in the media does not fit our schedules.                                 | 3.58 | 1.02 | moderate |
| 8  | 12 | Films about autistic individuals do not reflect the real situation.   | 3.57 | 1.02 | moderate |
| 9  | 10 | Programs about autism are similar in their presentation.  | 3.56 | 1.02 | moderate |
| 10 | 5  | Media focuses on successful experiences of people with autism.  | 3.49 | 1.06 | moderate |
| 11 | 3  | Social media users are not interested in discussing autism-related topics.  | 3.45 | 1.06 | moderate |
| 12 | 17 | Social media has contributed to sharing information about the struggles of families with autism.                      | 3.40 | 1.08 | moderate |

### Question 2: What is the role of media and social media in changing teachers' attitudes towards autism spectrum disorder?

To answer this question, the means and standard deviations for the domains of the Attitude Change Scale towards Autism Spectrum Disorder and for the overall scale were calculated. Additionally, the means and standard deviations for the items within those domains were determined. Table (3) shows these results.

**Table 3: Means and standard deviations of the domains of the attitude change scale towards autism spectrum disorder ranked in descending order of mean scores**

| Rank          | Number | Domain                         | Mean | Standard Deviation | Level of Agreement |
|---------------|--------|--------------------------------|------|--------------------|--------------------|
| 1             | 3      | Behavioral Domain              | 3.71 | 0.66               | High               |
| 2             | 1      | Emotional and Affective Domain | 3.35 | 0.76               | Moderate           |
| 3             | 2      | Cognitive Domain               | 3.33 | 0.59               | Moderate           |
| Overall Scale | -      | -                              | 3.44 | 0.54               | Moderate           |

Table (3) shows that the role of media in changing teachers' attitudes towards autism spectrum disorder is at a moderate level. The Behavioral Domain ranked first with a mean of 3.71 and a standard deviation of 0.66. The Emotional and Affective Domain was second with a mean of 3.35 and a standard deviation of 0.76. The Cognitive Domain was ranked last with a mean of 3.33 and a standard deviation of 0.59. The overall mean for all domains was 3.44 with a standard deviation of 0.54, indicating a moderate level of agreement.

### Question 3: Are there statistically significant differences at the 0.05 level ( $\alpha \geq 0.05$ ) in the role of media in community awareness among teachers attributed to the variables of gender, years of experience, academic qualification, workplace, and specialization?

To answer this question, a multivariate analysis of variance (MANOVA) was used to examine the differences in the mean responses of the sample on the Community Awareness Scale based on the study variables (gender, years of experience, academic qualification, workplace, and specialization). Table (4) presents these results.

**Table 4: Means and standard deviations of sample responses on the community awareness scale by study variables**

| Variable                      | Level                            | Statistic          | Community Awareness Scale |
|-------------------------------|----------------------------------|--------------------|---------------------------|
| <b>Gender</b>                 | Male                             | Mean               | 3.44                      |
|                               |                                  | Standard Deviation | 0.85                      |
|                               | Female                           | Mean               | 3.54                      |
|                               |                                  | Standard Deviation | 0.42                      |
| <b>Years of Experience</b>    | Less than 5 years - 7 years      | Mean               | 3.54                      |
|                               |                                  | Standard Deviation | 0.58                      |
|                               | More than 7 - Less than 10 years | Mean               | 3.50                      |
|                               |                                  | Standard Deviation | 0.72                      |
|                               | 10 years or more                 | Mean               | 3.49                      |
|                               |                                  | Standard Deviation | 0.49                      |
| <b>Academic Qualification</b> | Intermediate Diploma             | Mean               | 3.48                      |
|                               |                                  | Standard Deviation | 0.63                      |
|                               | Bachelor's Degree                | Mean               | 3.53                      |
|                               |                                  | Standard Deviation | 0.56                      |
|                               | Postgraduate Studies             | Mean               | 3.48                      |
|                               |                                  | Standard Deviation | 0.57                      |
| <b>Workplace</b>              | Public School                    | Mean               | 3.46                      |
|                               |                                  | Standard Deviation | 0.73                      |
|                               | Private School                   | Mean               | 3.53                      |
|                               |                                  | Standard Deviation | 0.48                      |
| <b>Specialization</b>         | Special Education                | Mean               | 3.54                      |
|                               |                                  | Standard Deviation | 0.71                      |
|                               | Other Specializations            | Mean               | 3.50                      |
|                               |                                  | Standard Deviation | 0.49                      |

Table (4) shows apparent variations in the means and standard deviations of the role of media in community awareness due to differences in categories of gender, years of experience, academic qualification, workplace, and specialization. To determine the statistical significance of these differences in mean responses, a multivariate analysis of variance (MANOVA) was performed. Table (5) presents these results:

**Table 5: Results of multivariate analysis of variance for differences in mean responses on the community awareness scale by study variables**

| Source of Variance            | Sum of Squares | Degrees of Freedom | Mean Square | F-value | Statistical Significance |
|-------------------------------|----------------|--------------------|-------------|---------|--------------------------|
| <b>Gender</b>                 | 0.590          | 1                  | 0.590       | 1.772   | 0.184                    |
| <b>Years of Experience</b>    | 0.007          | 2                  | 0.003       | 0.010   | 0.990                    |
| <b>Academic Qualification</b> | 0.085          | 2                  | 0.042       | 0.127   | 0.881                    |
| <b>Workplace</b>              | 0.069          | 1                  | 0.069       | 0.206   | 0.650                    |
| <b>Specialization</b>         | 0.481          | 1                  | 0.481       | 1.444   | 0.231                    |
| <b>Error</b>                  | 88.931         | 267                | 0.333       |         |                          |
| <b>Total</b>                  | 3479.796       | 275                |             |         |                          |

Statistically significant at the alpha level ( $\alpha \geq 0.05$ )

From the previous table, it is evident that there are no statistically significant differences at the 0.05 level ( $\alpha \geq 0.05$ ) in the responses of the sample on the role of media in community awareness

according to the study variables (gender, years of experience, academic qualification, workplace, and specialization).

This result can be interpreted as indicating that the role of media and social media in influencing and attracting the attention of teachers is weak, regardless of their experience, specialization, academic qualification, or whether they work in the private or public sector. According to the researcher, this finding does not align with the study by Hidan (2022), which found that media program presenters contributed to changing community attitudes. However, it is consistent with the study by AlZboun, Sloan, and Mohaidat (2023), which found that journalists and special education teachers felt that the quality of media coverage on disability issues in Jordan was acceptable but not good or excellent. It also aligns with the results of the study by Mohamed Amer and Al-Otaibi (2023).

**Question 4:** Are there statistically significant differences at the ( $\alpha \geq 0.05$ ) level in the role of media in changing teachers' attitudes towards autism spectrum disorder attributed to the following variables (gender, educational level, workplace, specialization, and years of experience)?

**To answer this question, means and standard deviations of sample responses regarding the role of media in changing attitudes towards autism spectrum disorder were calculated based on the study variables (gender, academic qualification, workplace, specialization, and years of experience). The following tables present these results.**

**Table 6: Means and standard deviations of sample responses on the attitudes scale by study variables**

| Variable                      | Level                            | Statistic          | Domain 1 | Domain 2 | Domain 3 | Overall Domains |
|-------------------------------|----------------------------------|--------------------|----------|----------|----------|-----------------|
| <b>Gender</b>                 | Male                             | Mean               | 3.22     | 3.22     | 3.50     | 3.30            |
|                               |                                  | Standard Deviation | 0.91     | 0.85     | 0.90     | 0.77            |
|                               | Female                           | Mean               | 3.40     | 3.38     | 3.80     | 3.50            |
|                               |                                  | Standard Deviation | 0.69     | 0.44     | 0.51     | 0.40            |
| <b>Years of Experience</b>    | Less than 5 years - 7 years      | Mean               | 3.39     | 3.31     | 3.78     | 3.46            |
|                               |                                  | Standard Deviation | 0.78     | 0.62     | 0.65     | 0.57            |
|                               | More than 7 - Less than 10 years | Mean               | 3.24     | 3.27     | 3.57     | 3.34            |
|                               |                                  | Standard Deviation | 0.92     | 0.79     | 0.82     | 0.72            |
|                               | 10 years or more                 | Mean               | 3.36     | 3.38     | 3.72     | 3.47            |
|                               |                                  | Standard Deviation | 0.65     | 0.43     | 0.57     | 0.40            |
| <b>Academic Qualification</b> | Intermediate Diploma             | Mean               | 3.32     | 3.30     | 3.53     | 3.37            |
|                               |                                  | Standard Deviation | 0.84     | 0.75     | 0.77     | 0.68            |
|                               | Bachelor's Degree                | Mean               | 3.40     | 3.37     | 3.78     | 3.49            |
|                               |                                  | Standard Deviation | 0.76     | 0.56     | 0.62     | 0.52            |
|                               | Postgraduate Studies             | Mean               | 3.21     | 3.24     | 3.66     | 3.35            |
|                               |                                  | Standard Deviation | 0.67     | 0.56     | 0.66     | 0.47            |
| <b>Workplace</b>              | Public School                    | Mean               | 3.37     | 3.35     | 3.67     | 3.45            |
|                               |                                  | Standard Deviation | 0.82     | 0.69     | 0.73     | 0.64            |
|                               | Private School                   | Mean               | 3.33     | 3.32     | 3.74     | 3.44            |
|                               |                                  | Standard Deviation | 0.73     | 0.54     | 0.62     | 0.48            |
| <b>Specialization</b>         | Special Education                | Mean               | 3.22     | 3.29     | 3.58     | 3.36            |
|                               |                                  | Standard Deviation | 0.87     | 0.79     | 0.81     | 0.70            |
|                               | Other Specializations            | Mean               | 3.41     | 3.35     | 3.78     | 3.49            |
|                               |                                  | Standard Deviation | 0.69     | 0.46     | 0.56     | 0.43            |

Table (6) shows apparent variations in the means and standard deviations of the role of media in changing attitudes towards autism spectrum disorder due to differences in the categories of gender, years of experience, academic qualification, workplace, and specialization. To determine the statistical significance of these differences in mean responses, a three-way MANOVA was performed. Table (10) presents these results:

**Table 7: Results of the three-way multivariate analysis of variance for differences in mean responses on the study scale by study variables**

| Source of Variance            | Domain                  | Sum of Squares | Degrees of Freedom | Mean Square | F-value | Statistical Significance |
|-------------------------------|-------------------------|----------------|--------------------|-------------|---------|--------------------------|
| <b>Gender</b>                 | Emotional and Affective | 0.632          | 1                  | 0.632       | 1.106   | 0.294                    |
|                               | Cognitive               | 1.343          | 1                  | 1.343       | 3.897   | 0.049*                   |
|                               | Behavioral              | 1.597          | 1                  | 1.597       | 3.821   | 0.052*                   |
|                               | Overall Domains         | 1.202          | 1                  | 1.202       | 4.249   | 0.040*                   |
| <b>Years of Experience</b>    | Emotional and Affective | 0.545          | 2                  | 0.273       | 0.477   | 0.621                    |
|                               | Cognitive               | 0.771          | 2                  | 0.386       | 1.119   | 0.328                    |
|                               | Behavioral              | 0.729          | 2                  | 0.365       | 0.873   | 0.419                    |
|                               | Overall Domains         | 0.446          | 2                  | 0.223       | 0.788   | 0.456                    |
| <b>Academic Qualification</b> | Emotional and Affective | 1.190          | 2                  | 0.595       | 1.041   | 0.355                    |
|                               | Cognitive               | 0.884          | 2                  | 0.442       | 1.282   | 0.279                    |
|                               | Behavioral              | 1.011          | 2                  | 0.506       | 1.209   | 0.300                    |
|                               | Overall Domains         | 0.804          | 2                  | 0.402       | 1.422   | 0.243                    |
| <b>Workplace</b>              | Emotional and Affective | 0.517          | 1                  | 0.517       | 0.904   | 0.342                    |
|                               | Cognitive               | 0.461          | 1                  | 0.461       | 1.338   | 0.248                    |
|                               | Behavioral              | 0.006          | 1                  | 0.006       | 0.015   | 0.904                    |
|                               | Overall Domains         | 0.274          | 1                  | 0.274       | 0.968   | 0.326                    |
| <b>Specialization</b>         | Emotional and Affective | 0.580          | 1                  | 0.580       | 1.014   | 0.315                    |
|                               | Cognitive               | 0.121          | 1                  | 0.121       | 0.352   | 0.554                    |
|                               | Behavioral              | 0.264          | 1                  | 0.264       | 0.633   | 0.427                    |
|                               | Overall Domains         | 0.024          | 1                  | 0.024       | 0.084   | 0.772                    |
| <b>Error</b>                  | Emotional and Affective | 152.659        | 267                | 0.572       |         |                          |
|                               | Cognitive               | 92.042         | 267                | 0.345       |         |                          |
|                               | Behavioral              | 111.606        | 267                | 0.418       |         |                          |
|                               | Overall Domains         | 75.528         | 267                | 0.283       |         |                          |
| <b>Total</b>                  | Emotional and Affective | 3236.921       | 275                |             |         |                          |
|                               | Cognitive               | 3151.160       | 275                |             |         |                          |
|                               | Behavioral              | 3912.612       | 275                |             |         |                          |
|                               | Overall Domains         | 3338.666       | 275                |             |         |                          |

\*Statistically significant at the alpha level ( $\alpha \geq 0$ ).



**Question 5: Is there a statistically significant correlation at the significance level ( $\alpha \geq 0.05$ ) between the role of media in community awareness and the role of media in changing teachers' attitudes towards Autism Spectrum Disorder?**

To answer this question, the Pearson Correlation coefficient was calculated between the Community Awareness Scale and the Attitudes towards Autism Spectrum Disorder Scale. The results are shown in **Table 8**

**Table 8: Pearson correlation coefficient values between the community awareness scale and the attitudes towards autism spectrum disorder scale**

| Scale                    | Emotional and Affective Domain | Cognitive Domain | Behavioral Domain | Overall Attitude Scale |
|--------------------------|--------------------------------|------------------|-------------------|------------------------|
| Community Awareness      | .567**                         | .559**           | .419**            | .540**                 |
| Statistical Significance | .000                           | .000             | .000              | .000                   |

**Note:** Significant at the 0.01 level ( $\alpha \geq 0.01$ ).

From **Table 8**, it is evident that the Pearson correlation coefficients between the domains of media's role in changing attitudes towards Autism Spectrum Disorder and the scale of media's role in community awareness are statistically significant at the 0.01 level ( $\alpha \geq 0.01$ ). This indicates a positive correlation between the role of media in community awareness and the role of media in changing teachers' attitudes towards Autism Spectrum Disorder.

This result shows a logical connection between the role of media and the change in attitudes towards Autism Spectrum Disorder. Media in all its forms plays a significant role in shaping community awareness across various domains, and social media platforms have become essential for quickly disseminating and receiving information. This finding aligns with the literature on the subject and most previous studies, such as the study by Chu et al. (2023) conducted in Malaysia, which demonstrated the importance of the connection between knowledge, awareness, and changing attitudes towards Autism Spectrum Disorder. Additionally, the study by Zarokanellou et al. (2023) conducted in Greece explored the importance of knowledge about Autism Spectrum Disorder in changing attitudes towards individuals with the disorder.

## RECOMMENDATIONS

Based on the study's results and international literature, the following recommendations are made:

1. **Enhance media awareness programs for autism spectrum disorder (ASD):** Develop and expand media and social media campaigns focused on Autism Spectrum Disorder (ASD), drawing on findings from Chu et al. (2023), which highlight the importance of media in increasing ASD awareness.
2. **Train media professionals:** Provide training for media professionals to create impactful content that raises awareness about ASD, improves community understanding, and educates about the rights of individuals with ASD, as supported by Zarokanellou et al. (2023) in emphasizing the role of media in educating the public.
3. **Further research:** Encourage additional studies to explore the role of media in community awareness of ASD using diverse samples to build on existing knowledge and address gaps in the literature.
4. **Implement media literacy programs:** Establish media literacy programs that focus on improving public understanding of autism, emphasizing the importance of accurate and responsible media representations.

**REFERENCES**

- Adamic, L. A., Lento, T. M., Adar, E., & Ng, P. C. (2016, February). Information evolution in social networks. In *Proceedings of the Ninth ACM International Conference on Web Search and Data Mining* (pp. 473-482). <https://doi.org/10.1145/2835776.2835810>
- Alyami, H. S., Naser, A. Y., Alyami, M. H., Alharethi, S. H., & Alyami, A. M. (2022). Knowledge and attitudes toward autism spectrum disorder in Saudi Arabia. *International Journal of Environmental Research and Public Health*, 19(6), 3648. <https://doi.org/10.3390/ijerph19063648>
- Al Madi, I. K. A. S., & Hassoun, Y. M. D. A. M. (2023). The role of the media in supporting people with special needs. *Hammurabi Journal for Studies*, 1(45).
- Amer, R. A. R. M., & Al-Otaibi, N. N. M. (2023). The role of the media in raising awareness of the issues and problems of the disabled and changing the attitudes of members of society towards them from the viewpoint of the special education teacher in the Kingdom of Saudi Arabia. *Journal of Positive School Psychology*, 7(1), 222-242.
- AlMeqdad, Q., AlZboun, A., Sloan, L., & Mohaidat, M. (2023). The quality of media coverage on issues regarding people with disabilities: Perspectives of journalists and special education teachers in Jordan. *International Journal of Disability, Development and Education*, 70(3), 396-411. <https://doi.org/10.1080/1034912X.2022.2055106>
- Ariel, Y., & Avidar, R. (2015). Information, interactivity, and social media. *Atlantic Journal of Communication*, 23(1), 19-30. <https://doi.org/10.1080/15456870.2014.993108>
- Breckler, S. J., & Wiggins, E. C. (2014). On defining attitude and attitude theory: Once more with feeling. In *Attitude Structure and Function* (pp. 407-427). Psychology Press.
- Cho, H., Cannon, J., Lopez, R., & Li, W. (2022). Social media literacy: A conceptual framework. *New Media & Society*. <https://doi.org/10.1177/14614448211068530>
- Chu, S. Y., Lee, J., Wong, Y. Y., Gan, C. H., Fierro, V., & Hersh, D. (2023). Knowledge mediates attitude in autism spectrum disorders? Data from Malaysia. *International Journal of Developmental Disabilities*, 69(4), 568-577. <https://doi.org/10.1080/20473869.2022.2036238>
- Datu, J. A. D. (2023). Knowledge with kindness is power! Knowledge about autism and kindness relate to better attitude towards persons