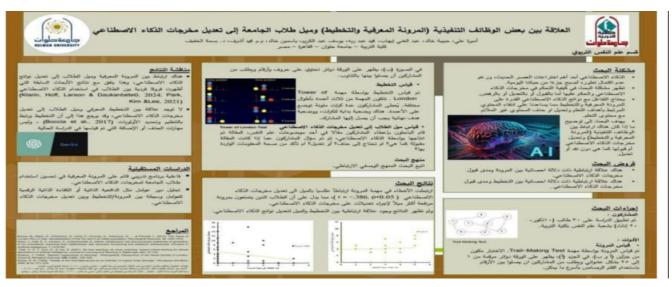


#### Psychology Graduation Projects 2024–2025

### The Relationship Between Some Executive Functions and University Students' Tendency to Modify Artificial Intelligence Outputs

The research problem lies in understanding the relationship between executive functions, such as planning and flexibility, and students' tendency to accept, reject, or modify information presented by artificial intelligence programs, and to acknowledge its validity and accuracy. This necessitated conducting this study to determine whether a relationship exists between executive functions and artificial intelligence, according to the research procedures and study results. While artificial intelligence is important in enhancing the efficiency of administrative processes, the acceptance of its outputs varies from person to person based on a range of cognitive and behavioral factors. However, it remains unclear how these executive functions—such as cognitive flexibility, problem-solving ability, and control of cognitive biases—affect their decisions regarding the acceptance or rejection of AI outputs. This prompted the necessity of conducting this research to demonstrate whether executive functions influence the acceptance or rejection of information presented by artificial intelligence and the efforts to verify its validity and accuracy. These studies highlight the importance of executive skills and psychological factors in the acceptance and application of artificial intelligence technologies in administrative fields, and emphasize the need to enhance professional flexibility and effective decision-making among leaders to increase the effectiveness of using these technologies.





#### Depression and its relationship to academic achievement.

We observed that the suffering felt by high school students from psychological pressures, whether familial, economic, or social, makes them feel depressed, bored, and restless due to not living their normal lives. This creates a suitable environment for the growth of depression, as there is a close relationship between psychological pressures and depression. This can have a negative impact on students' academic achievement and negatively affect their adjustment to themselves and their surrounding environment, leading to a lack of mental health. Hence, we felt the need to study the case of some high school students in an attempt to understand some of their suffering and alleviate the problem. This was done by reviewing many previous Arab and foreign studies. We dedicated this research to investigating the relationship between depression and academic achievement among high school students.





### Pseudo-memory and its relationship to cognitive perception anxiety among university students

Numerous studies have addressed anxiety and false memories, but few have examined false memories and their relationship to anxiety. These include: a study on the impact of individual differences on depression, anxiety, mental image clarity, and the interaction of these factors with stress and the formation of false memories; and a study using a model based on written and visual materials to analyze inferential memory errors of negative, positive, and neutral daily events in young adults suffering from severe anxiety.





### Contemporary Trends in Studying the Impact of Technology and Screens on Children

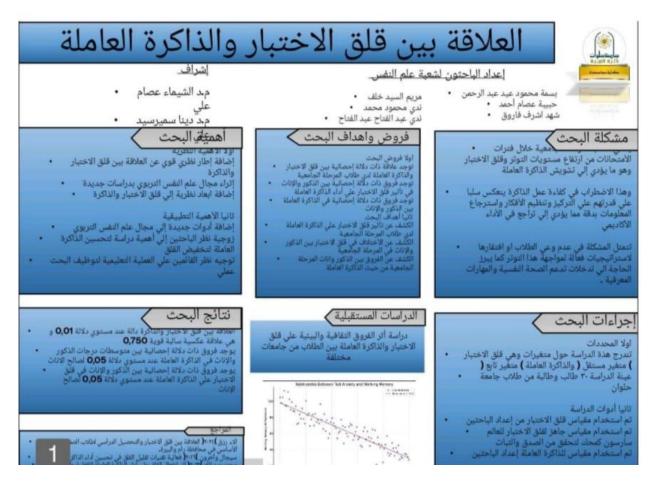
The current research, using the contemporary trends approach, relies on studying and analyzing previous events and studies to understand developments in this field. It aims to provide a comprehensive vision that helps in deducing prevailing trends and guiding future research towards effectively addressing issues. The current research seeks to provide a survey of the most important contemporary trends in the field of the impact of technology and screens on children, and to analyze and interpret contemporary studies and identify the most important points that should be considered.





### The relationship between test anxiety and working memory

University students suffer during exam periods from high levels of stress and test anxiety, which leads to disruption of working memory. This stress-induced disorder negatively affects the efficiency of memory work and their ability to concentrate, organize thoughts, and retrieve information accurately, leading to a decline in academic performance. The problem lies in the students' lack of awareness and their lack of effective strategies to cope with this stress, highlighting the need for interventions that support mental health and cognitive skills.





# Emotional Control and its Relationship to Perceived Academic Efficiency among Students of the Faculty of Education, Helwan University

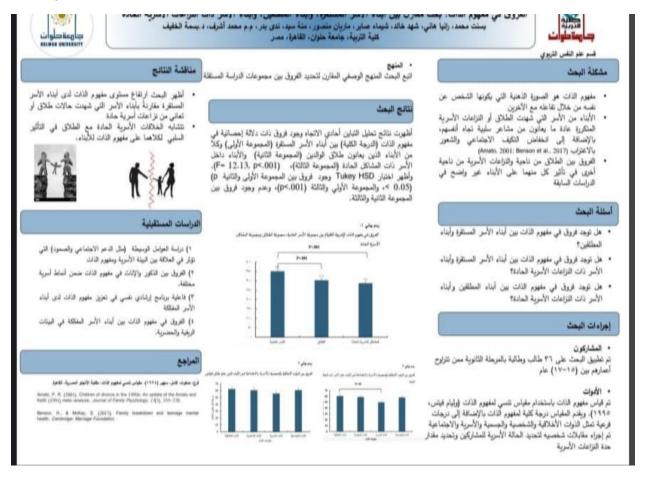
A rise in stress and anxiety rates was observed among university students, and this negatively affects academic efficiency. There is interest in understanding the relationship between emotional control and academic efficiency. Students with higher emotional control achieve better academic success. The development of higher education in Egypt during recent years indicates an increase in the number of students and an improvement in academic efficiency. Hence, the need arises to study this relationship more deeply among university students.





# Differences in self-concept. A comparative study between children of stable families, children of divorced parents, and children of families with severe family conflicts

Self-concept is the mental image that a person forms of themselves through their interaction with others. Children from families that have experienced divorce or frequent family conflicts usually suffer from negative feelings towards themselves, in addition to low social adjustment and a feeling of alienation. The differences between divorce on the one hand and family conflicts on the other, in the impact of each on children, are not clear in the previous studies reviewed.





### Cognitive Processing Speed and its Relationship to Academic Procrastination among Elementary School Students

During their university studies, researchers observed indicators suggesting the prevalence of academic procrastination among many elementary school students, who tend to postpone their required university tasks until the last possible moment.

before the deadline, and postpone reviewing their coursework shortly before the exam, despite having ample time throughout the year. They found that some students suffer from difficulty or slowness in processing information, which aroused their scientific curiosity to investigate the relationship between cognitive processing speed and academic procrastination.





### Social media addiction and its relationship to mental wandering among high school students

Social media addiction is a growing phenomenon among high school students, due to its direct negative effects on academic achievement. Among the most prominent educational problems resulting from it are weak concentration, mental distraction, and a decline in the ability to memorize, represented by a high level of mental wandering, which is defined as an automatic and conscious shift of attention from performing a specific task to being preoccupied with ideas and stimuli unrelated to the original task, which leads to a deterioration in the student's academic performance.





### The Relationship Between Bullying and Psychological Stress Among University Students

Psychological stress is one of the most prominent challenges facing individuals due to the difficulties and problems they encounter in society, causing negative feelings such as anxiety, pessimism, frustration, and bullying after repeated and undesirable aggressive behavior by the bully who harms and dominates others.





### Contemporary Trends in Studying the Impact of Social Media on University Students' Behavior.

In the modern era, social media has witnessed significant development and has become an integral part of individual life, especially for young people. These media have a significant impact on their thoughts and beliefs and can lead to the incitement of extremism among them. Extremism is considered a complex phenomenon that affects societies worldwide and can lead to generalization and social instability. It is also considered a major challenge for modern societies, as it can lead to the destruction of civilizations and cultures.





### Self-vitality and its relationship to social intelligence and academic advancement among high school students

High school students face pressures that affect their ability to succeed. Self-vitality plays a role in reducing stress, while social intelligence contributes to building supportive relationships. Academic advancement is a key factor in coping with these pressures. Given the varying levels of these factors among students and the scarcity of local studies linking them, the current study aims to uncover the relationship between them to enhance students' ability to face academic challenges.



#### الحيوية الذاتية وعلاقتها بالذكاء الاجتماعي والنهوض الأكاديمي لدى طلاب الثانوية العامة



ياسمين كمال - شروق صبري - بسنت تامر - أمنية رجب - أسراء عيد الباسط - مارتينا حربي

تحت إشراف: مرد/ محمد عاطف - مرد/ هالة فرحات - مرم / ريهام جمال

#### الدراسات المستقبلية:

متمذجة العلاقات السبيبة بين الحيوية الذائية والذكاء الاجتماعي والثهوش الأكانيمي لدى طلاب المرحلة الثثوية, / فاعلية برنامج تدريبي قلم على الحيوية الذائية في نلمية الذكاء الاجتماعي والتهوض الاكانيمي لدي طلاب الثانوية العامة . الفاعلية برنامج تدريبي قائم على الذكاه الاجتماعي و الوجدائي في تثمية

التهوش الأكاديمي لدى طلاب التأثوية العامة ٧ الذَّكاء الاجتماعي وعلاقته بالهناء الأكاديمي لدى طلاب المرحلة الجامعية

 ثوجد علاقة ارتباطية موجبة دائة إحصانياً بين الحيوية الذائية وأبعادها
 ثقر عبة والحيوية الذهنية –الحيوية الإنقطائية – الحيوية البدنية – الحيوية الإجتماعية ) والمكاه الاجتماعي وأبعاد (هسن التصرف سالنواصل الاجتماعي) الدو اسل الاجتماعي سالفهم الاجتماعي ) لدو طالبات الثانوية العامة . 2. توجد علاقة ارتباطية موجبة دالة المصانيا بين العيوية الذاتية وأبعادها

الغرعية ( الحيوية الذهنية - الحيوية الالفعالية - الحيوية البنئية - الحيوية الاجتماعية والتهوض الاكانيمي وأبعاده القرعية ( الكفاءة الذاتية - التحكم غير الموكد - المشاركة الاكانيمية - القالي - العلاقة بين المعلم والطالب ) لدى طالبات الثانوية العامة .

#### نتانج الدراسة:

ينوجد علاقة ارتباطية موجبة ذات دلالة اهصافية بين الحيوية الذائية والذَّمَاء الاهتماعي لدى طارب المرحلة الثنوية عند مسنوى دلالة 0,05. ب. توجد علاقة ارتباطية موجية ذات دلالة اهصائية بين الحيوية الذَّائية والنهوض الاقاديمي لدى طارب المرحلة الثانوية عند مستوى دلالة 0.05.



#### مناقشة نتائج الدراسة:

تشمرى (2019) .

تشير تتفج الدراسة الحالية إلى وجود علاقة ارتباطية موجية ذات دلالة العبوية الذائية والذكاء الاجتماعي : هيث أن الطلاب ذوى العبوية الذائية المرتقعة يتمتعون بقدرات تقسية والأعلية تعزز فهمهم الاجتماعي واحسن تصرفهم، وهو ما يتلق مع تتابع دراسات محمد العربي (2020) ومحمد

الْذَاتِيةَ وَالنَّهُوسُ الأكانيمي : حيث أن الطَّلاب الذَّين يتمتعون 2 - الميوية يحيوية أنتية يعتلفون همة وتقة تساهم في تحقيق الجنزات أنفير ورشا. بالإضافة إلى تمامل أفضل مع التسفوط وتحسن الحالة الطلبة والجسدية. وهو ما أندته نتائج دراسات سهيلة عبد البديع (2024)

.Satici and Ozdegan(2019) Deniz (2023)

#### مشكلة الدراسة:

يونية مدرب مترحة المتوقع المتوقع مواد على مترجها على المهاجئة و تقع الصورة الذاتية دورا في تقليل الإرقاق، بينما يساهم الكسام الإنتساعي في يناه طاقات داعشة و يقد التهوض الاكتابس عاملاً اساسيًا في التكيف مع هذه الشقسوط، ونقلاً الانتلاف مستويت هسلة العوامل بين الطلاب و قلة الدراسات المحلية التي تربط يينها، المذلك تهدف الدراسة الحالية إلى الكشف عن العلاقة بينها لتعزيز

قندرة الطلاب على مواجهة التحنيات الأكانيمية . ويمكن صباغة مشكلة الدراسة في التساولات الأتية :

1- ما العلاقة بين الحيوية الذائية و الذكاء الاجتماعي لدى طلاب ثثانوية العامة ا

2- مَا العلاقة بين الحيوية الذائية و النهوض الاقاديمي لدى طلاب



#### إجراءات الدراسة:

خالاطلاع علي ما يمكن الحصول عليه من تراث سيكولوجي لهاص يموضوع الدراسة ومتغيراتها وهي : ( الحيوية الذائية، الذَّقاء الأجتماعي ،التهويش الأكاديمي ) .

خاتطبيق أدوات الدراسة وهي : ( مطياس الحيوية الذائية إعداد (البر النجع، 2022) ، مطياس الذكاء الأجتماعي إعداد ( أحدد جابر 2202 )مقيض النهوض الأكاديمي إعداد ( Piosang,2016) على طلاب المرحلة الثانوية.

حزم تطبيق الأدوات على عبلة من طالبت المرحلة الثنوية ( 100) طالبة من التخصصات ( علمي، أدبي ) في المدارس الثالية (ومال عبد الناصر، أم المؤمنين ، الشيعاء الثنوية بنات ) .

خاشقال البيانات ومعالجتها إحصائباً بأستقدام يرتامج . (Spss ,Version21) ختطيل الثنائج والتطق من صحة الغروض .

منتفسير التنابع في شوء تنابع الدراسات السليفة،و ما طرحته الأطر النظرية السليفة .

وَالْفُرُوجِ بِتُوصِياتَ مَنْسَيَّةً فَي ضَوهِ مَا أَسَفُرتُ عَنْهُ تَنْفَحِ الدراسةُ .

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يواجه طلاب المرحلة الثانوية ضغوطا تؤثر على قدراتهم على النجاح،



#### Smartphones and their relationship to cyberbullying among university students

In light of current developments that have facilitated the interconnection of communication and information networks, students' use of smartphones and their dependence on them has become an important issue. Given the continuous and rapid increase in smartphone usage, especially among university students, and the range of features and capabilities that distinguish mobile phone technology as a means of communication, most notably interactivity, which has given the user a role in the rise of cyberbullying, the current research problem stemmed from the researchers' awareness of the problem and the complaints of many students about the lack of someone who understands them, feels empathy, and shares their experiences, their lack of good relationships and communication with their parents, and their lack of a sense of security, comfort, and harmony at home.





# Cognitive Flexibility and its Relationship to Thinking Styles among Students of the Faculty of Education, Helwan University

University students have a weak understanding of different thinking strategies, especially cognitive flexibility, and this weakness negatively impacts their personalities and their ability to adapt to others, hindering their achievement and success. Cognitive flexibility is crucial in preparing students to effectively address and plan for new educational situations. There is a need to train students according to their personality types to develop their cognitive flexibility and improve their problem-solving abilities. Students exhibit a clear weakness in cognitive flexibility skills such as restructuring, deduction, and creativity. Studies on the relationship between cognitive flexibility and thinking styles are scarce, despite the importance of this link in improving the educational process and the necessity of understanding the relationship between cognitive flexibility and thinking styles to comprehend and develop students' thinking.

