

The Brain Drain

By: *Samyia Hamayoon*

The term "Brain Drain" has come into limelight with the trend of educated and skilled people and workforce moving from one country to another to achieve career gains. The talent of such people as a result becomes available to the nation to which they carry. The biggest disadvantage of brain drain is the deficiency of talent from the native nation which may badly need their skills and talent. It is the migration of country's intellect which may have otherwise served their motherland and contributed to its prosperity. Thus, this brain drain or 'Human Capital Flight' as it may be called, becomes a threat to the growth of countries which lose the human resources, rich in technical skills or knowledge. This has also increased the imbalance in the economic and social prospects of the countries across the world. The rich and developed nations grow richer and prosperous while the developing or underdeveloped nations stay poorer and backward. Brain drain is a global phenomenon affecting the developing nations. The disadvantage is seen as an economic cost as a part of the training and the education cost which is sponsored by the government is also taken away with

their emigration. Thus the country which experiences the drain of skilled resources faces the getaway of financial capital also. Brain drain isn't a problem of this era only. Even in medieval times, the conquerors attacked the nation for gold and other wealth and took people of talent and knowledge with them. This problem became pronounced after Second World War when progressive nations like USA, the ex U.S.S.R. and Germany etc. began to make significant advancements in technology and scientific research attracting talent from foreign nations. Thus men of talent began migrating from less developed nations to these countries. The reasons of brain drain are many including the lack of opportunity, political instability, health risks and many more. Many students leave their native nations for scientific and technological courses which are not offered by their own country and settle out in the country of study owing to better career opportunities, fruitful rewards, security of life and health all of which lack in their country of birth. Also they seek professional satisfaction in the country where they work and thus are ready to continue leaving their own nation.

On the top of all this, the bureaucrats of the country fail to realize the potential and the worth of this intellect and thus they are unable to retain the cream of researchersmen with extra-ordinary talent. All these factors combined together trigger the process of brain drain. Brain drain for the nation from which the migrant leave to settle into the nation that promises better work opportunities becomes brain gain for the latter. Even countries like Europe were faced with the problem of brain drain until the introduction of green card that helped them gain more brains and compensated for the drained brains. At present, countries like India, Pakistan and Russia are the sufferers of this problem and losing their talent very rapidly. Unemployment, corrupt political systems, inappropriate and unsafe work and social life as well as poor compensation, prompts the skilled and trained people to leave their own countries and seek promising opportunities in developed nations where they get more success. Underutilization of talent, inadequate professional tools, lack of growth and unsatisfactory living conditions are also key factors in the emigration of the skilled workforce from these nations.

Why do we Only See One Side of the Moon?

By: *Arif Bashir*

Why we're only able to see one side of the Moon from Earth?

You may have heard references made to the "dark side" of the Moon. This popular term refers to the fact that the same physical half of the Moon, the "near side", is always facing Earth, which in turn means that there is a far side or so-called "dark side" that is never facing Earth and can only be seen from space.

Sometimes people refer to a New Moon as a "dark moon" because the moon is fully in shadow as viewed from Earth and we can't see it, but that's not the same thing as the dark side of the moon. The side of the moon facing us during a New Moon is the same as any other moon phase, such as a Full Moon when we can see the entire face.

Why are we limited to seeing only 50 percent? It turns out that the speed at which the Moon rotates has led to this particular phenomenon. Millions of years ago, the Moon spun at a much faster pace than it does now. However, the gravitational influence of the Earth has gradually acted upon the Moon to \

slow its rotation down, in the same way that the much smaller gravitational influence of the Moon acts upon the Earth to create tides.

This influence slowed the rotational period of the Moon to match that of its orbit – about 27.3 days – and it is now "locked in" to this period. (Note that to observers on earth a full moon cycle takes 29.5 days. An interesting fact is that actually a little bit more than half of the Moon's surface is observable from Earth. Since the Moon's orbit is elliptical, and not circular, the speed of its orbital travel increases and decreases depending on how close it is to our planet.

The rotational speed of the Moon is constant however – and this difference between orbital speed and rotational speed means that when the Moon is farthest from the Earth, its orbital speed slows down just enough to allow its rotational speed to overtake it, giving observers a small glimpse of the usually hidden area.

The term for this "rocking" motion of the Moon is called libration and it allows for 59 percent of the Moon to be seen in total (over time).

Good and Bad company

By: *Burhan*

There is a saying a man is known by the company he keeps. Company plays an important role in our life. If we have good friends around us, we will be considered as good in our society. If we got a bad company, we will be considered bad in our society, which means that becomes the identity of any individual. Therefore, if you want to be recognized good in the society, you will need to have a good company. For a good company we need good people. The selection of friends depends on the nature and attitude and behavior towards others, you will obviously like to interact with the people having nature like yours. And if you got negative behavior you will definitely like to make friends who got the same mentality.

So if you are able to analyze yourself, the selection of friends would be easy for you. A student was once asked about leaving experience of his school life. He said that he didn't act anything special in his school life but the best and unforgettable thing I got from school is a company of good friends. You would have observed company of good friends. You would have observed personally in your school life that you had liked to spend more time with some of your classmates and you have less interaction with few in the same class. Why this happened? I am sure that you never tried to discover the reason. It happened because of your nature. You naturally liked to make friends of your nature. If your nature is good enough, you would like to make good friends, and if your nature is unfortunately bad, you would like to interact with bad people.

Sometimes it happens that you got a good nature but you get regular interaction with a few bad people. The first step to achieve a good company is to avoid the negative people. But we never think about why negativity occurs. Some people make our mood good while some effect badly. We start liking some people because they care about us. They talk in our desired way.

We feel good with such people. Some people discourage us. These sorts of people make us feel bad. But why do we allow them to discourage us? It means the level of our self-esteem is very low which allows some people to talk anything bad about us. Sometimes it happens that you pass a smile towards a person and the opponent responds by making bad gestures towards you. The best strategy is to avoid negative people. If you respond in the same way then there will be no difference between you and him (negative person). We need to think about what makes a person negative. How to deal with negative people?

First of all we need to analyze our self, whether we are positive or negative. We need to be compassionate and should take responsibility of own happiness. Don't lose your positivity. Be mature to negative people. Don't react in a childish way. Inspire them and motivate them by giving them thousands of positive reasons. The change begins within our self, first we should respect and should have our self. Then we can expect love and respect from others. These were a few techniques by which we can transform a negative person into positive person. And in this way we can get a good company.

By: *Malaika Faisal*

Whether it's a desperate battle of the thinnest or most attractive, it's no secret that women often engage in jealous competition with each other. Although such behavior may seem harmless, the nature of female competition is often hatred ridden and endless. This negative behavior also attracts the inevitable outcome of hurt and disaster. Women often endure daily, stressful situations, commonly involving husbands, and men in general.

The discovery of a cheating partner is a heartbreaking example, in which women too frequently blame the "other woman," not the cheater. The situation sometimes escalates between women, possibly leading to verbal and physical arguments. Jealously and emotional pain are the ultimate causes for this odd behavior. Females have been taught that it's best to be conventionally attractive; all girls are given standards to live up to. Some women also allow themselves to become regulated by the cosmetic standards of every day society. This

Jealousy Among Girls

particular conformation is usually suggested by the constant alteration of their look and is also done to please high exceptions.

Although it's completely healthy to beautify and maintain your personal look, this is a however, a common situation of unhealthy, media conformation. Instead of maturely dealing with their own problems, insecure women may feel the urge to compete with each other. Such competition usually involves physical appearance, with intentions to gain false confidence and feelings of worth. These feelings are explainable, however, given one reoccurring message, the tired belief that a female's outward appearance is dependent and related, to her personal worth. Convinced women firmly believe they have to religiously keep a gorgeous appearance to live well and obtain desires.

These females are of course "brainwashed," into the mindset that their appearance will "manipulate" to their advantage, to receive a perfect promotion

or attract a decent man. And some times even without realization, females still continue to honor the exhausted, disturbing message. Females often even display a jealous, hatred towards other beautiful women, as the attractive are presumed to "get what they want." With an attachment to false media messages, women may find it most difficult to break their habit and developed pattern of jealousy. Even posed difficulty however, is inferior to the degree of degradation that females put onto each other by minor hatred. Jealous, spiteful girls should now realize that it's essential to face personal issues, head on.

Since, we're all just human and insecure in some way or another. Women should also notice these similarities and then make the point by accepting other strong females. It is also crucial, to embrace whatever you're hiding from through the managed exterior of insecurity. Putting others down is a poor attempt at self-empowerment which is currently practiced all too frequently among all women alike.

Zika

By: *Zain Sherazi*

Zika virus disease is caused by a virus transmitted by Aedes mosquitoes. People with Zika virus disease usually have symptoms that can include mild fever, skin rashes, conjunctivitis, muscle and joint pain, malaise or headache. These symptoms normally last for 2-7 days.

There is no specific treatment or vaccine currently available. The best form of prevention is protection against mosquito bites. The

virus is known to circulate in Africa, the Americas, Asia and the Pacific. Zika virus is transmitted to people through the bite of an infected mosquito from the Aedes genus, mainly Aedes aegypti in tropical regions. This is the same mosquito that transmits dengue, chikungunya and yellow fever.

There is no vaccine to prevent or specific medicine to treat Zika infections. Treat the symp

toms: Get plenty of rest.

Drink fluids to prevent dehydration. Take medicine such as acetaminophen (Tylenol®) to relieve fever and pain. Do not take aspirin and other non-steroidal anti-inflammatory drugs. If you are taking medicine for another medical condition, talk to your healthcare provider before taking additional medication.