



BURKHAN WORLD

SHAHAL M. KHAN INSTITUTE
OF
ECONOMICS AND CYBERSECURITY



AMERICAN UNIVERSITY
WASHINGTON, DC

S.M.K. INSTITUTION PREFACE

THE SHAHAL M. KHAN INSTITUTE HAS BEEN CREATED TO EDUCATE AND MODERNIZE THE ECONOMIC SECURITY FOR THE UNITED STATES AND ALLIES DUE TO THE IMPACT GLOBALLY. ECONOMICS AND CYBER SECURITY ARE DEEPLY INTERCONNECTED FIELDS WHICH ARE ESSENTIAL TO THE FUNCTIONING OF MODERN SOCIETY AND SOCIETIES FINANCIAL WELL BEING. CYBER SECURITY REFERS TO THE MEASURES AND PRACTICES PUT IN PLACE TO PROTECT THE CONFIDENTIALITY, INTEGRITY AND THE AVAILABILITY OF SENSITIVE INFORMATION FROM UNAUTHORIZED ACCESS, USE, DISCLOSURE, DISRUPTION, MODIFICATION, OR DESTRUCTION. ECONOMICS ON THE OTHER HAND, IS THE STUDY OF THE PRODUCTION, DISTRIBUTION, AND CONSUMPTION OF GOODS AND SERVICES. THE RAPID GROWTH AND ADVANCEMENT OF TECHNOLOGY IN RECENT YEARS HAS LED TO THE PROLIFERATION OF INFORMATION AND COMMUNICATION SYSTEMS, WHICH HAS IN TURN INCREASED THE NEED FOR CYBER SECURITY.

WITH THE INCREASING DEPENDENCE ON THESE SYSTEMS, THE POTENTIAL FOR CYBER ATTACKS AND OTHER SECURITY BREACHES HAS ALSO GROWN, LEADING TO SIGNIFICANT ECONOMIC CONSEQUENCES. A CYBER ATTACK CAN RESULT IN THE LOSS OR THEFT OF SENSITIVE INFORMATION, DISRUPTION OF CRITICAL SERVICES, AND DAMAGE TO COMPUTER SYSTEMS AND NETWORKS. THIS CAN HAVE SIGNIFICANT ECONOMIC IMPLICATIONS, INCLUDING FINANCIAL LOSSES, LOSS OF PRODUCTIVITY, AND REPUTATIONAL DAMAGE.

FOR EXAMPLE, THE 2017 WANNACRY RANSOMWARE ATTACK AFFECTED OVER 200,000 COMPUTERS IN 150 COUNTRIES, LEADING TO ESTIMATED LOSSES OF OVER \$4 BILLION. IN ADDITION TO DIRECT FINANCIAL LOSSES, CYBER ATTACKS CAN ALSO HAVE INDIRECT ECONOMIC EFFECTS. FOR INSTANCE, A BREACH OF PERSONAL DATA CAN LEAD TO LOSS OF CONSUMER TRUST, RESULTING IN DECREASED DEMAND FOR THE AFFECTED COMPANYS' PRODUCTS AND/OR SERVICES. THIS CAN LEAD TO A DECLINE IN SALES AND REVENUE, AND POTENTIALLY EVEN BANKRUPTCY. TO MITIGATE THE ECONOMIC IMPACT OF CYBER ATTACKS, ORGANIZATIONS NEED TO INVEST IN ROBUST CYBER SECURITY MEASURES AND PRACTICES. THIS INCLUDES IMPLEMENTING EFFECTIVE SECURITY PROTOCOLS AND TECHNOLOGIES, SUCH AS ENCRYPTION, FIREWALLS, AND INTRUSION DETECTION SYSTEMS, AS WELL AS REGULARLY TRAINING EMPLOYEES ON CYBER SECURITY BEST PRACTICES.

FURTHERMORE, GOVERNMENTS AND INTERNATIONAL ORGANIZATIONS HAVE A ROLE TO PLAY IN PROMOTING CYBER SECURITY AND ADDRESSING ITS ECONOMIC IMPLICATIONS. THIS CAN INCLUDE IMPLEMENTING REGULATORY FRAMEWORKS AND POLICIES TO PROTECT AGAINST CYBER ATTACKS, PROVIDING FUNDING FOR RESEARCH AND DEVELOPMENT IN CYBER SECURITY, AND PROMOTING INTERNATIONAL COOPERATION AND INFORMATION SHARING ON CYBER SECURITY THREATS AND VULNERABILITIES.

IN CONCLUSION, CYBER SECURITY AND ECONOMICS ARE CLOSELY LINKED, WITH THE ECONOMIC CONSEQUENCES OF CYBER ATTACKS BEING A SIGNIFICANT CONCERN IN TODAY'S INTERCONNECTED WORLD. ORGANIZATIONS AND GOVERNMENTS MUST PRIORITIZE CYBER SECURITY IN ORDER TO PROTECT AGAINST THE POTENTIAL ECONOMIC IMPACT OF CYBER ATTACKS AND ENSURE THE CONTINUED FUNCTIONING OF MODERN SOCIETY.

SHORT BIO OF SHAHAL KHAN



MR. SHAHAL KHAN IS A STRATEGIC INVESTOR IN MULTIPLE SECTORS AND IS CONSIDERED TO A GLOBAL ECONOMIC LEADER IN ALTERNATIVE GLOBAL FINANCE AND NEW ECONOMIC THEORY PER DIGITAL ASSETS. HE IS AN ENTREPRENEUR WHOSE INVESTMENTS GLOBALLY AS SOCIALLY AWARE INVESTOR (INVEST FOR GOOD IMPACT) SPAN OVER 30 YEARS, WITH INVESTMENTS ENCOMPASSING TELECOMS, REAL ESTATE, ENERGY, NATURAL RESOURCES, TECHNOLOGY (SPECIFIC EMPHASIS ON INTERNET-RELATED COMMUNICATIONS TECHNOLOGIES AND ADVANCED CYBER SECURITY SOLUTIONS) AS WELL AS VARIOUS AGRICULTURAL FOOD SECURITY SECTORS. HE HAS BEEN DIRECTLY RESPONSIBLE FOR SYNDICATION OF OVER \$25B USD IN EQUITY FOR PROJECTS AS A PRINCIPAL THROUGH BURKHAN.

HE IS THE FOUNDER OF BURKHAN WORLD, A HOLDING COMPANY WITH DIVERSIFIED INVESTMENTS FOCUSING ON REINVESTING GAINS FROM PORTFOLIO INVESTMENTS INTO COMPANIES THAT HAVE THE POTENTIAL SO ACCELERATE SUSTAINABILITY GLOBALLY. HIS FOCUS HAS BEEN TO CREATE TO CREATE A GLOBAL ECONOMIC SYSTEM THAT FOCUSES ON EQUITY OF THE INDIVIDUAL AND NOT DEBT. HIS PATENT PENDING DESIGN FOR TEMPUS NETWORK IS A CULMINATION OF THAT THOUGHT PROCESS.

SHAHAL IS CURRENTLY THE CHAIRMAN AND CEO OF BURTECH, A NASDAQ LISTED INVESTMENT COMPANY. SHAHAL IS ALSO A SHAREHOLDER OF ENERCAP, A INNOVATIVE GRAPHENE BASED BATTERY COMPANY BASED OUT OF THE UAE THAT HAS PATENTS FOR NON LITHIUM CARBON BASED ENERGY STORAGE, THAT COMPANY IS PLANNING TO LIST ON THE PUBLIC MARKETS IN Q1 OF 2023.

SHAHAL IS ALSO THE CHAIRMAN AND FOUNDER OF TRINITY HOSPITALITY HOLDINGS BASED OUT OF FLORIDA, WHICH IS FOCUSED ON INVESTING IN AN ICONIC HOTEL PROPERTIES GLOBALLY, INCLUDING A 900 ACRE DEVELOPMENT IN COSTA RICA WITH THE MARRIOTT FAMILY AND A 27 STORY TOWER IN DOWNTOWN DUBAI WITH A WORLD LEADING BRAND. TRINITY IS DEVELOPING OVER TWO BILLION DOLLARS IN A PIPELINE OF ICONIC HOSPITALITY PROPERTIES. IN CONDUCTIVE AND RARE EARTH METALS, SHAHAL IS CURRENTLY A PARTNER IN TSG-BURKHAN, A US BASED HOLDING COMPANY OWNING ASSETS IN AFRICA AND SOUTHEAST ASIA TOTALING OVER \$100 USD BILLION IN VALUE, WHICH IS PLANNING TO BUILD PROCESSING FACILITIES FOR METALS THAT EFFECT SECURITY PER SUPPLY CHAIN IN THE UAE AND IN THE USA IN 2023.



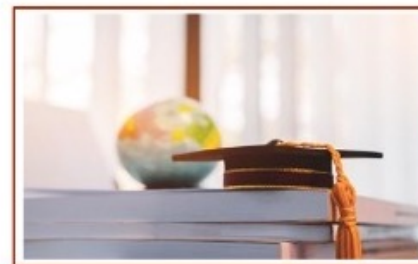
ABOUT CRS

- CRS develops and delivers hyper realistic simulation platforms, learning management systems and customized industry specific modules, scenarios and curriculum to train cyber security professionals and students.
- CRS is very uniquely positioned as a cyber security training provider as we service through academic partners, resellers and cloud service partners our industry and government end users.
- Established in 2018 with offices in California, Texas, Washington DC and Florida, CRS has 20 employees and adding a professional service and technical organization to start operations in UAE.
- Accumulated TCV > \$ 45 million
- Founding team has over 110 years of national defense & security, military, technology and cyber experience.
- Backed by DH Capital, Sunsar Capital, Kazi Investments and Burtech Investment Group.



What We Do

- CRS was the first company in the higher education research sector to create and market a **state of the art cyber range** as a service platform as well as penetration testing as a service and development of critical national infrastructure cyber training curriculum for US DoD partner nations.
- CRS deploys RED & Blue Team training as well as research and testing solutions for cyber security professionals, organizations and academia. We also develop learning pathways based on skills and aptitude assessment solutions created by our subject matter experts.
- Our products and services aim to **alleviate the critical shortage in global cyber talent**. CRS is first to the market and is uniquely positioned to dominate Cyber Intelligence for governmental organizations, who commonly lack the ability to innovate and to attract talent.



Higher Education



Law Enforcement



Government



Corporation



Military



NON-EXHAUSTIVE CUSTOMER LIST



Cyber Range
Solutions

Fitchburg State University
Ottawa University
University of Montana
Palomar Community College
Laredo Community College
North Central Texas College
Pueblo Community College
Louisiana Tech University
Albany Tech

Arapahoe Community College
US Naval Information Warfare
Center UN CTBTO
ERCOT
Southern Methodist University
Regis University
University of Texas at San
Antonio Missoula College
Louisiana State University
Naval Post Graduate School

Purdue University
The US Department of State
The US Department of Defense
Helena College
State of North
Dakota Maricopa
County
Palo Alto Community College
St Xavier Institute, India
UAE Armed Forces
Harrisburg University



LAREDO
COLLEGE
EST. 1947



NAVAL
POSTGRADUATE
SCHOOL



MARICOPA COUNTY



INTRODUCTION

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The Context –

Every country in the world is suffering from some form of social hardship. According to the Global Peace Index, the average level of global peacefulness has declined for the fifth consecutive year, as a result of ongoing crises such as Covid-19, climate, violence, and a lack of access to education and basic needs. Those most affected by these challenges are young people.

Our initiatives meet our pledge to the UN Sustainable Development Goals. It's a consistent part of our mission statement and at the heart of 5 goals and causes.

OUR GOALS



**DEFENDING
WATER**



**TACKLING
INEQUALITIES**



**STRIKING
POVERTY**



**CHAMPIONING
EDUCATION**



**SUPPORTING
WELL BEING**

FfP Foundation

We are one of the first charities in the world to use football to raise resource and awareness in short and long term crises. Under the Patronage of Royal families across the globe, we utilise the unique power of football to tackle pressing social and environmental issues.

Our aim is to build sustainable initiatives to support communities across the globe through our goals. We bring peace and prosperity by implementing advocacy and peace-building approaches around issues of inequalities, water sustainability, wellbeing, environmental degradation, and education.

Overarching Vision

Every country uses football to enable an inclusive, sustainable, and resilient future for people and the planet

Key Mission

To advance a new era of peace and prosperity for communities across the world. We advocate and build frameworks through sports around issues on equality, water sustainability, wellbeing, education and the environment





FOOTBALL FOR
PEACE

CONTEXT & SUMMARY

Qatar 2022 World Cup Legacy; Symbol for hope – In light of the current crisis in Pakistan, Football for Peace in partnership with coalition partners for a PHASE 2 of their ongoing humanitarian effort will organise a Peace tournament across 3 regions in response to the Pakistan floods crisis, affecting many youth and local communities in Balochistan, KPK and Sindh.

- The Football community and Qatar WC legacy understand the power of football and its ability to come together to contribute to short and long term crisis
- More than one million houses are damaged or destroyed
- Seventy-two districts of Pakistan are in calamity and all four corners of Pakistan are underwater
- More than 3,500km (2,175 miles) of roads have been washed away
- Around one million animals have died

NGO's, Footballers and political figures will support the games which will take place close to the KPK, Balochistan and Sindh regions hosted by former Governor of Punjab H.E Chaudhry Mohammad Sarwar and the Education Ministry.

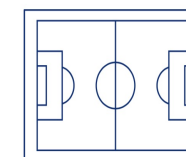
This will act as a launch pad for a longer term Phase 3 initiative which will compliment a new 7- acre education and health complex in Lahore, Punjab donated by the Sarwar Foundation to host a Peace Centre powered by partners involved. This centre will engage youth from all walks of life and diverse backgrounds, providing participants with a safe place to play and learn through educational workshops inspiring youth to deliver actions of good deeds to positively contribute to local challenges. A component of the program will involve addressing the issue of drought and flooding through the creation of an environmental water catchment area located at the site.

The challenges communities across Pakistan are faced with are becoming more complex day by day. Due to the consequences of the floods more than 8.6 million people could experience severe hunger in the future. Large amounts of agricultural land were lost to the floods along with 1.2 million livestock, resulting in a severe decrease in the nation's food supplies. Those most at risk are young people. We need to establish a whole-societal response and a holistic approach that utilises strong and multi-layered partnerships that collaborate at global, national and local levels.

Peace Centre's encourage local community engagement, stimulate economic growth led by the community and provide a focal point for the underrepresented communities. The concept would offer underrepresented communities within the city an integral point of education mentorship, enterprise, development, and connecting local needs to a range of accessible services, increasing economic growth, positive citizenship and building sustainable practices for communities by creating most valuable players within their communities.



PROJECT TIMELINE



TASK & COST	START DATE	DESCRIPTION
PHASE 01 - COMPLETED		
EMERGENCY AID & RELIEF WITH BA	SEPTEMBER/DECEMBER 2022	10 TONNES OF AID DELIVERED WITH BRITISH AIRWAYS / BRITISH HIGH COMMISSION
SPORTING EQUIPMENT WITH ECB		DECEMBER 6 TONNES OF SPORTING EQUIPMENT WITH ECB/ BRITISH HIGH COMMISSION
PHASE 02		
EMERGENCY AND AID RELIEF	JANUARY 2023	CONTINUE EMERGENCY RELIEF SERVICES
YOUTH TOURNAMENT		FFP TOURNAMENT ORGANISED BY FFP DELIVERY AND LOCAL PARTNERS PARTNER WITH FA AND ECB ON EQUIPMENT FOR YOUTH
PHASE 03		
BUILDING A PEACE CENTRE AND PITCH WITH A FOCUS ON YOUTH AND COMMUNITY OUTREACH AND EDUCATION	TBC 2023	PLANNING TO BEGIN IN JANUARY 2023. 7 ACRES OF LAND HAS BEEN DONATED TO THE FFP PROGRAMME. LOCATION: LAHORE PUNJAB



**FOOTBALL FOR
PEACE**

FFP PROGRAMMES

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Football for Peace Matches –

High-profile Peace Matches are the brand driver of Football for Peace. The matches are held in times of crisis to react and help galvanise the football world to raise emergency aid. Peace Matches are held in iconic locations and showcase how football can overcome environmental, political, religious, and social barriers. Each Peace Match has a different theme and has the ability to generate national and international level media attention by bringing together country-based teams, patrons, diplomats, faith leaders, world leaders, and national professional footballers.

Football for Peace Centres –

FfP Centres are dedicated to supporting and enhancing the skills of young people in football and their everyday lives. In support of the UN Global Goals, our FfP Centres are co-branded with Football Clubs and high profile Footballers to showcase the power of football in all its forms to promote sustainable living and also contribute to the pressing issues linked to our goals. The centres uniquely combine football training, educational life skills workshops, and community engagement activities led by young people.

Football for Peace Young People Award –

A non-formal education certification award for young people outside of academia awarded for effective practical good deeds and measurable impact, which contribute to the UNSDG Impact areas, creating sustainable practices within their communities. This focuses on the personal and social development of young girls and boys, upskilling them on local and global challenges.

Football for Peace Advocacy and High Profile Campaigns –

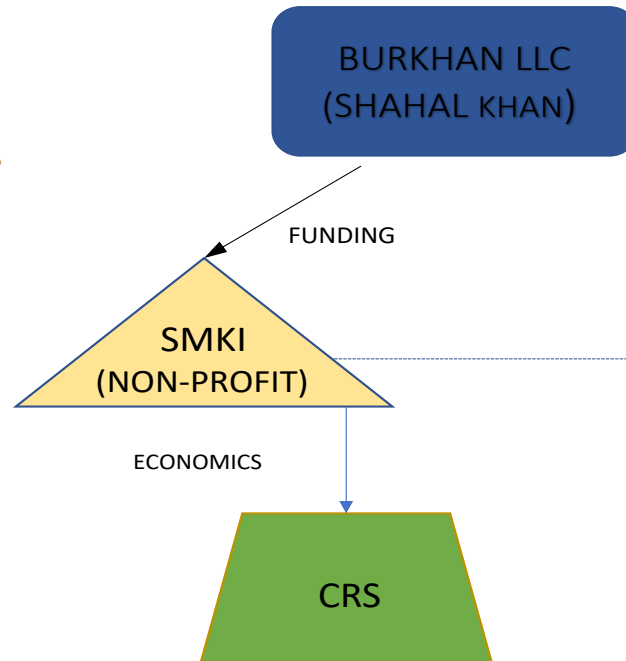
FfP aim is to use the full potential that football and advocacy offer to generate awareness of football's ability to be a force for good and change. FfP has a proven track record of high impact and high profile campaigns with partners across the world. FfP continues to work with partners to highlight and raise awareness of football in all its forms to positively impact and mobilise youth, communities, and leaders.



SHAHAL M. KHAN INSTITUTION CORPORATE STRUCTURE



* SMKI = SHAHAL M KHAN Institute



LECTURES - VISITING PROFESSORS

- FINTECH (GLOBAL CURRENCIES/FINANCE)
- ALT ECONOMY-TEMPUS (DE-GLOBALIZATION)
- NEW DIGITAL IDENTITIES-ECONOMY & IDENTITY
- GEO-ECONOMIC (TRENDS FOR NEW TRADE)
- MANUFACTURING SECURITY
- ECONOMIC SECURITY
- U.S INNOVATION AND LEADERSHIP



- LABS
- CYBER TRAINING
- DC/VA LOCATIONS
- JV W/ AFFILIATED UNIVERSITIES
- CERTIFICATIONS



* CRS= CYBER RANGE SOLUTIONS

THANK YOU



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