

SCIENTIFIC PROGRAMME

GLOBAL HEALTH SCIENCES CONFERENCE

(GHSC 2020)

Time (Malaysian time)	Activity (12 th December 2020, Saturday)			
7:30 am - 8:00 am	Connection testing Internet connection, projector, camera, mic			
8:00 am - 8:30 am	Registration, join a meeting via Webex			
8:30 am - 8:45 am	Opening Ceremony Dr Asheila A/K Meramat (Master of Ceremony) <ul style="list-style-type: none"> - Announcement and Introduction (GHSC) - Recital of Doa by Mr. Mohd Asyraf Azizi bin Othman - National Anthem (Malaysia, Thailand And Indonesia) - UniSZA Song 			
8:45 am - 9:00 am	Opening Remarks Prof Dr Hafizan Juahir Deputy Vice Chancellor (Research and Innovation), UniSZA <ul style="list-style-type: none"> - GHSC 2020 Montage - MC (conference flow) 			
9:00 am - 9:45 am	Keynote Speaker Prof Dr Tony Merriman University of Otago, New Zealand Moderator : Dr Wan Rohani Wan Taib			
	Video on company advertisement			
	Concurrent Session			
	THEME A Moderator : Dr Kan Su-Yin	THEME B Moderator : Miss Chin Yi Ying	THEME C Moderator : Mrs Azlinawati Ali	THEME D Moderator : Mr Vijayamurugan Eswaramoorthi
10:15 am - 1.00 pm	3 presenters	3 presenters	3 presenters	3 presenters
	Q&A	Q&A	Q&A	Q&A
	3 presenters	3 presenters	3 presenters	3 presenters
	Q&A	Q&A	Q&A	Q&A

	4 presenters	5 presenters	3 presenters	3 presenters
	Q&A	Q&A	Q&A	Q&A
2.00 pm – 3.40 pm	3 presenters	3 presenters	3 presenters	3 presenters
	Q&A	Q&A	Q&A	Q&A
	3 presenters	3 presenters	3 presenters	3 presenters
	Q&A	Q&A	Q&A	Q&A
3.40 pm–4.00 pm	e-Poster session			
4.00 pm - 4.40 pm	THEME A - Plenary: Prof. Dr. Yeo Chew Chieng (Universiti Sultan Zainal Abidin, Malaysia) Moderator : Dr Chew Ching Hoong	THEME B - Plenary: Mrs Nurul Huda Ibrahim (Ministry of Health Malaysia) Moderator : Mrs Karimah Fakhriah Ismail	THEME C - Plenary: Assoc Prof Dr Peter Kench (The University of Sydney, Australia) Moderator : Dr Kamarul Amin Abdullah	THEME D - Plenary: Prof Enas Shahine (Sultan Abdul Aziz Humanitarian City, Riyadh, Saudi Arabia) Moderator : Dr Naresh Bhaskar Raj
4.45 pm - 5.15 pm	Closing with award ceremony <ul style="list-style-type: none"> - Dr Asheila A/K Meramat (Master of Ceremony) - Closing Speech by Prof. Dr. Sakinah Harith - Dean, Faculty of Health Sciences, UniSZA - Awards Ceremony (3 Prizes for Each Theme) (Total Prize - 12 Oral, 15 Poster) 			

JUDGES

SCOPE	JUDGES (ORAL)	JUDGES (POSTER)
Theme A	<ul style="list-style-type: none"> • Dr. Putri Dafriani (STIKES) • Dr Hamid Ali Naji Al Jamal (UniSZA) 	<ul style="list-style-type: none"> • Dr Mohd Nizam Zahary (UniSZA) • Dr Imilia Ismail (UniSZA)
Theme B	<ul style="list-style-type: none"> • Asst.Dr.Korawinwich Boonpisuttinant (RMUTT) • AP Dr Mohd Razif Shahril (UKM) 	<ul style="list-style-type: none"> • Dr. Utthapon Issara (RMUTT) • Dr Abbe Maleyki Mhd Jalil (UniSZA)
Theme C	<ul style="list-style-type: none"> • Dr Cheah Wai Hun (UniSZA) • Dr Mohd Suffian Tajudin (UniSZA) 	<ul style="list-style-type: none"> • Dr Fairuz Nasir (UniSZA) • Dr Nazifah Abdullah (UniSZA)
Theme D	<ul style="list-style-type: none"> • Hilmi Zadah Faidullah (UNISA) • Dr Naresh Bhaskar Raj (UniSZA) 	<ul style="list-style-type: none"> • Dr Naresh Bhaskar Raj (UniSZA) • Dr. Agus Kharmayana (POLKESYO)
Theme E		<ul style="list-style-type: none"> • Susy Sriwahyuni (UTU) • Dr Wee Bee Suan (UniSZA)

SCIENTIFIC SCHEDULE

THEME A: Bridging the Gap in Biomedical Research

(Moderator: Dr Kan Su-Yin)

TIME	THEME A
10.00 – 10.10 AM	INTRODUCTION
10.10 – 10.20 AM	IS THE EXPRESSION OF ANTI-NEONATAL NAV1.5 ANTIBODIES (ANTI-NNAV1.5-AB) IN THE SERUM AFFECTED BY DIFFERENT STAGES AND SUBTYPES OF BREAST CANCER?
10.20 – 10.30 AM	STYRYLPYRONE DERIVATIVE FROM GONIOTHALAMUS UMBROSUS INHIBITS EARLY STAGE OF VIRUS REPLICATION
10.30 – 10.40 AM	ESTABLISHMENT OF HUMAN NEUROBLASTOMA CELL-LINE (SK-N-SH) AS AN IN VITRO MODEL OF MORPHINE ADDICTION.
10.40 – 10.55 AM	Q & A session
10.55 – 11.05 AM	EVALUATION OF IMMUNOPHENOTYPIC EXPRESSION OF PLASMA CELL MYELOMA PATIENTS AND ITS ASSOCIATION WITH PROGNOSTIC FACTORS
11.05 – 11.15 AM	HIGH DOSE OF TESTOSTERONE REDUCES EXPRESSION OF AVB3 INTEGRIN IN THE ENDOMETRIUM OF RATS DURING UTERINE RECEPTIVITY
11.15 – 11.25 AM	A PRELIMINARY STUDY ON THE EFFECTS OF STINGLESS BEE HONEY (SBH) ON FASTING BLOOD GLUCOSE IN STREPTOZOTOCIN (STZ)-INDUCED DIABETIC RAT MODELS
11.25 – 11.35 AM	Q & A session
11.35 – 11.45 AM	AIRWAY REMODELING AND PREGNANCY HORMONES ALTERATION IN OVA-INDUCED ASTHMA MOUSE MODEL
11.45 – 11.55 AM	TUBERCULOSIS (TB) TREATMENT OUTCOMES AMONG TB PATIENTS IN KELANTAN; 5 YEARS RECORD REVIEW
11.55 – 12.05 PM	ARRAY-BASED COMPARATIVE GENOMIC HYBRIDISATION FOR THE IDENTIFICATION OF SUBMICROSCOPIC CHROMOSOMAL ABNORMALITIES IN PATIENTS WITH UNEXPLAINED INTELLECTUAL DISABILITY/MULTIPLE CONGENITAL ANOMALIES
12.05 – 12.15 PM	BIOFILM INHIBITION OF PERIODONTAL PATHOGEN BY PROBIOTIC CELLS AND SUPERNATANT
12.15 – 12.30 PM	Q & A session
12.30 – 2.00 PM	BREAK
2.00 – 2.10 PM	ANTIMICROBIAL SUSCEPTIBILITY PROFILES AND PREVALENCE OF INDUCIBLE CLINDAMYCIN RESISTANCE IN METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS (MRSA) CLINICAL ISOLATES FROM TERENGGANU, MALAYSIA
2.10 – 2.20 PM	PERCEPTIONS TOWARDS FORMS OF INTIMATE PARTNER VIOLENCE AMONG PREMARITAL YOUNG ADULTS IN KELANTAN
2.20 – 2.30 PM	INVESTIGATION OF THE CYTOTOXICITY AND CELLULAR UPTAKE OF BISMUTH OXIDE NANOPARTICLES IN MCF-7 CELL LINE
2.30 – 2.45 PM	Q & A session
2.45 – 2.55 PM	THE EFFECT OF AUTOGENOUS, NON-VASCULARISED PERIOSTEUM TRANSPLANTATION ON ALLOGRAFT BONE GRAFTING FOR LARGE CORTICAL LOAD-BEARING BONE DEFECT - A RABBIT MODEL
3.05 – 3.15 PM	DOSE RESPONSE RELATIONSHIP OF OVALBUMIN ON PREIMPLANTATION EMBRYONIC GROWTH IN ASTHMA MOUSE MODEL
3.15 – 3.25 PM	DETERMINANTS FOR TUBERCULOSIS AMONG SMOKER: A CASE-CONTROL STUDY IN KELANTAN
3.25 – 3.40 PM	Q & A session
3.40 – 4.00 PM	e-Poster session
4.00 PM	<u>Plenary speaker</u> Prof. Dr. Yeo Chew Chieng (Universiti Sultan Zainal Abidin, Malaysia) Moderator : Dr Chew Ching Hoong
4.45 PM	Announcement of Winners

THEME B: Featuring new trends of research in nutrition and dietetics**(Moderator: Ms Chin Yi Ying)**

TIME	THEME B
10.00 – 10.10 AM	INTRODUCTION
10.10 – 10.20 AM	UTILIZATION AND PERCEPTION OF COMPLEMENTARY AND ALTERNATIVE THERAPIES (CATS) AMONG OBESE AND OVERWEIGHT INDIVIDUALS IN A MALAYSIAN PUBLIC UNIVERSITY
10.20 – 10.30 AM	MICROBIOLOGICAL STATUS OF FOOD CONTACT SURFACE (FCS) AND FOOD HANDLERS HAND (FHH) AT SELECTED CAFE AND RESTAURANT IN LONG BEACH REDANG ISLAND, TERENGGANU
10.30 – 10.40 AM	LC-MS IDENTIFICATION OF PHENOLIC COMPOUNDS, ANTIOXIDANT AND ANTI-INFLAMMATORY ACTIVITY OF FREEZE-DRIED MELON MANIS TERENGGANU PEEL EXTRACTS
10.40 – 10.55 AM	Q & A session
10.55 – 11.05 AM	KNOWLEDGE, ATTITUDES AND PRACTISE OF MOTHER'S CHILDREN FEEDING AND THEIR RELATIONSHIP WITH THE NUTRITIONAL STATUS OF FISHERMEN'S CHILDREN UNDER 5 YEARS OF AGE IN SELECTED DISTRICTS OF TERENGGANU
11.05 – 11.15 AM	APPLICATION OF NEWLY DEVELOPED CARDIOVASCULAR DISEASE (CVD) RISK CALCULATOR AMONG HEALTHCARE PROVIDERS IN PREDOMINANTLY MALAY POPULATION STATION IN MALAYSIA
11.15 – 11.25 AM	CALCIUM INTAKE IN RELATION TO KNOWLEDGE AND BELIEFS OF OSTEOPOROSIS IN FEMALE UNDERGRADUATE STUDENTS OF UNIVERSITI SULTAN ZAINAL ABIDIN (UNISZA)
11.25 – 11.40 AM	Q & A session
11.40 – 11.50 AM	HOUSEHOLD FOOD INSECURITY AND ITS DETERMINANT AMONG PREGNANT WOMEN ATTENDING ANTENATAL CARE IN SELANGOR
11.50 – 12.00 PM	ASSOCIATION BETWEEN WEIGHT STATUS AND BODY IMAGE PERCEPTION AMONG FEMALE ADOLESCENTS IN TERENGGANU
12.00 – 12.10 PM	KNOWLEDGE, ATTITUDE AND PRACTICE TOWARDS SALT INTAKE AMONG HYPERTENSIVE RESIDENCE AND ITS ASSOCIATED FACTORS
12.10 – 12.25 PM	Q & A session
12.25 – 12.35 PM	ASSOCIATION BETWEEN ORTHOREXIA NERVOSA TENDENCY ON HEALTH RELATED-QUALITY OF LIFE AMONG HEALTH SCIENCE STUDENTS IN TERENGGANU
12.35 – 12.45 PM	ASSOCIATION OF CAFFEINE CONSUMPTION AND COGNITIVE PERFORMANCE AMONG UNDERGRADUATE STUDENTS AGED 18 TO 25 YEARS OLD
12.45 – 1.00 PM	Q & A session
1.00 – 2.00 PM	BREAK
2.00 – 2.10 PM	ASSOCIATION BETWEEN ORTHOREXIA NERVOSA AND PSYCHOLOGICAL STATUS AMONG HEALTH SCIENCE STUDENTS IN TERENGGANU
2.10 – 2.20 PM	SOMATOTYPE AND CARDIOVASCULAR DISEASE RISK FACTORS AMONG FEMALE UMT STUDENTS WITH DIFFERENT BMI CATEGORIES
2.20 – 2.30 PM	DIET QUALITY AS THE RISK FACTORS OF DIABETES MELLITUS TYPE 2
2.30 – 2.45 PM	Q & A session
2.45 – 2.55 PM	NUTRITIONAL STATUS AND BODY IMAGE PERCEPTION OF ADOLESCENTS IN SPECIAL REGION OF YOGYAKARTA PROVINCE, INDONESIA
2.55 – 3.05 PM	EVALUATION OF USABILITY OF MALAYSIA DIABETES PREVENTION PROGRAM (MYDIPP) MOBILE APP – A PILOT STUDY
3.05 – 3.15 PM	FOOD POISONING PREVENTION DURING DINING OUT: A PRELIMINARY STUDY OF KNOWLEDGE, ATTITUDE, PRACTICE AND PERCEPTION AMONG CONSUMERS AT RURAL AREA IN TERENGGANU
3.15 – 3.30 PM	Q & A session
3.30 – 4.00 PM	e-Poster session
4.00 PM	<p><u>Plenary speaker</u> Mrs Nurul Huda Ibrahim (Ministry of Health Malaysia)</p> <p>Moderator : Madam Karimah Fakhriah Ismail</p>
4.45 PM	Announcement of Winners

THEME C: Recent advancements of research in medical imaging

(Moderator: Mrs Azlinawati binti Ali)

TIME	THEME C
10.00 – 10.10 AM	INTRODUCTION
10.10 – 10.20 AM	A COMBINED APPROACH BETWEEN ENHANCEMENT AND SEGMENTATION OF DIGITAL MAMMOGRAMS TO IMPROVE BREAST CANCER DETECTION
10.20 – 10.30 AM	LUMBOSACRAL RADIOGRAPHY EXAMINATION TECHNOLOGY OF LATERAL WEDGE PROJECTION IN THE LOW BACK PAIN CASE
10.30 – 10.40 AM	ACUTE ABDOMEN RADIOGRAPHIC EXAMINATION TECHNIQUES IN ILEUS CASE
10.40 – 10.55 AM	Q & A session
10.55 – 11.05 AM	CT SCAN EXAMINATION TECHNIQUE FOR THORACIC SCAN WITH NSCLC CASE (NON SMALL CELL LUNG CANCER)
11.05 – 11.15 AM	HEAD CT-SCAN EXAMINATION TECHNIQUES IN CEREBROVASCULAR ACCIDENT (CVA) BLEEDING CASE
11.15 – 11.25 AM	RADIOGRAPHIC EXAMINATION TECHNIQUES IN NON-COOPERATIVE PATIENTS USING DEXTRA TEMPORAL FRACTURE CASE
11.25 – 11.40 AM	Q & A session
11.40 – 11.50 AM	NON-CONTRAST HEAD CT SCAN EXAMINATION TECHNIQUES IN CASES OF BRAIN TUMORS
12.00 – 12.10 PM	THE EXAMINATION TECHNIQUE OF CRANIUM OF CERVICAL ROOT SYNDROME
12.10 – 12.20 PM	THORAX EXAMINATION PROCEDURE WITH RIBS FRACTURE CLINICAL
12.20 – 12.35 PM	Q & A session
12.35 – 2.00 PM	BREAK
2.00 – 2.10 PM	EVALUATION OF A MICRO CT SCAN SYSTEM BASED ON DIGITAL IMAGE CORRELATION PROFILE OF MULTIPLE RADIOGRAPHS
2.10 – 2.20 PM	THE USE OF DIGITAL FUNDUS IMAGE ANALYSIS OF RETINAL VESSEL DIAMETER USING FIJI IMAGE J IN DIABETIC RETINOPATHY RODENT MODEL
2.20 – 2.30 PM	AN OVERVIEW OF MYPOCKET GFR APP
2.30 – 2.45 PM	Q & A session
2.45 – 2.55 PM	IMPACT OF THE COVID-19 PANDEMIC ON RADIOGRAPHY AND RADIOTHERAPY PRACTICE
3.05 – 3.15 PM	THE EFFECT OF ELECTRIC FLOWS VARIATION OF X-RAY TUBE (MA) ON FREE RADICAL FORMATION IN WATER
3.15 – 3.25 PM	ANALYSIS OF RADIATION DOSE ON EYES ON HEAD CT EXAMINATION
3.25 – 3.40 PM	Q & A session
3.40 – 4.00 PM	e-Poster session
4.00 PM	<u>Plenary speaker</u> Assoc Prof Dr Peter Kench (The University of Sydney, Australia) Moderator : Dr Kamarul Amin Abdullah
4.45 PM	Announcement of Winners

THEME D: Exploring novel researches in rehabilitation

(Moderator: Mr Vijayamurugan Eswaramoorthi)

TIME	THEME D
10.00 – 10.10 AM	INTRODUCTION
10.10 – 10.20 AM	RELIGIOSITY AND PSYCHOSOCIAL IMPACTS OF ISLAMIC INABA REHABILITATION PROGRAMME FOR DRUG ADDICTION IN MALAYSIA
10.20 – 10.30 AM	ORAL-DDK RATES IN MALAYSIAN-MALAY SPEAKERS
10.30 – 10.40 AM	COMMUNICATION CHALLENGES AND THEIR IMPACT AMONG ADOLESCENT SIBLINGS OF CHILDREN WITH AUTISM
10.40 – 10.55 AM	Q & A session
10.55 – 11.05 AM	EFFECTS OF GAME-BASED TASK-ORIENTED CIRCUIT TRAINING ON FUNCTIONS AMONG STROKE SURVIVORS IN HOSPITAL RAJA PEREMPUAN ZAINAB II: A PILOT STUDY
10.05 – 11.15 AM	BONE METABOLISM MARKERS IN RESPONSE TO THREE AND SIX SESSIONS OF LOW ENERGY EXTRACORPOREAL SHOCKWAVE THERAPY IN INDIVIDUALS WITH POST ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION
11.25 – 11.35 AM	EFFECTS OF PHYSICAL TRAINING AND BEHAVIORAL STRATEGIES TOWARDS MUSCLE STRENGTH AND MENTAL HEALTH IN THE ELDERLY
11.35 – 11.50 PM	Q & A session
11.50 – 12.00 AM	THE EFFECT OF FAMILY PSYCHOEDUCATION ON TUBERCULOSIS TREATMENT ADHERENCE OF CHILDREN IN INDONESIA
12.00 – 12.10 PM	ASSOCIATION BETWEEN INDEX-TO-RING FINGER LENGTH RATIO (2D:4D) AND WOMAC OSTEOARTHRITIS INDEX IN WOMEN WITH KNEE OSTEOARTHRITIS
12.10 – 12.20 PM	FACTORS INFLUENCING INSTRUMENTAL ACTIVITIES OF DAILY LIVING (IADL) DISABILITY AMONG ELDERLY ATTENDING HEALTH CLINICS IN KELANTAN
12.20 – 12.35 PM	Q & A session
12.35 – 2.00 PM	BREAK
2.00 – 2.10 PM	THE EFFECT OF GENDER ON BAL EXZZ SUBJECTIVE VISUAL VERTICAL (SVV) FINDING AMONG HEALTHY ADULTS
2.10 – 2.20 PM	DOES BODY MASS INDEX (BMI) AFFECTS THE PERFORMANCE IN PRAYER BY MUSLIMS?
2.20 – 2.40 PM	SACRAL TUBERCULOSIS: NEVER IGNORE BUTTOCK PAIN
2.40 – 2.55 PM	Q & A session
2.55 – 3.05 PM	PSYCHOLOGICAL EFFECT OF CRITICAL ILLNESS EXPERIENCE ON FAMILY MEMBERS IN THE INTENSIVE CARE UNIT (ICU): A SCOPING REVIEW
3.05 – 3.15 PM	SUBJECTIVE VISUAL VERTICAL (SVV) FINDING IN HEALTHY ADULTS: COMPARISON BETWEEN CLOCKWISE (CW) AND COUNTERCLOCKWISE (CCW) CONDITION
3.15 – 3.25 PM	MINDFULNESS INTERVENTION ON ANXIETY AND DEPRESSION OF WOMEN WITH ENDOMETRIOSIS: A SCOPING REVIEW
3.30 – 3.45 PM	Q & A session
3.45 – 4.00 PM	e-Poster session
4.00 PM	<u>Plenary speaker</u> Prof Dr Enas Shahine (Sultan Abdul Aziz Humanitarian City, Riyadh, Saudi Arabia) Moderator : Dr Naresh Bhaskar Raj
4.45 PM	Announcement of Winners