GIMAR 2017
Conference Proceeding
Book of Abstracts

3rd International Conference on “Global Issues in Multidisciplinary Academic Research” (GIMAR- February, 01-02, 2017)
GIMAR© 2017 Tokyo, Japan
Global Illuminators, Kuala Lumpur, Malaysia.

Venue: TKP Conference Center, Ichigaya, Tokyo, Japan

Editor:
Dr. Ahmad Saddam Ph.D.
Country Director (Global Illuminators Iraq)

Printed and Published by: Global Illuminators Malaysia
TABLE OF CONTENTS

GIMAR 2017 CONFERENCE ORGANIZING COMMITTEE ........ VI
ORGANIZED BY ................................................................. VIII
CONFERENCE CHAIR MESSAGE ................................................ IX
TYPE OF GIMAR PAPERS .......................................................... XI
REVIEWING CRITERIA .............................................................. XI
ACKNOWLEDGMENT ................................................................. XIII
SCIENTIFIC REVIEW COMMITTEE .............................................. XIV
KEYNOTE SPEAKER .................................................................. XXV
GIMAR 2017 TRACKS’ CHAIRS ..................................................... XXVI
GIMAR 2017 PANELS ................................................................ XXVII
BEST PAPER NOMINEE LIST ....................................................... XXVIII
GIMAR 2017 BEST PAPER AWARD WINNER ................................ XXX
GIMAR 2017 CONFERENCE COMMITTEE ..................................... XXXI
CONFERENCE PROGRAM ............................................................ XXXII
LIST OF CONFERENCE ATTENDEES ......................................... XLIII

TRACK A: BUSINESS MANAGEMENT & ECONOMIC STUDIES 45

1. EXPLORING THE FACTORS INFLUENCING BUSINESS INTELLIGENCE SYSTEM’S ADOPTION: THE CASE OF GHANAIAN BANKS .......................................................... 46

2. INTERDISCIPLINARITY: AN APPROACH TO BRIDGE THE COMPETENCIES DIVIDE BETWEEN ACADEMIC PREPARATION AND JOB MARKET’S NEEDS: THE CASE OF LIBRARY AND INFORMATION SCIENCE ................................................ 47

3. CRITICAL MANAGEMENT STUDIES HOW MANAGERS HANDLE DIFFICULT DECISION MAKING BY AVOIDING CRITICAL INFORMATION ............................................. 48

4. THE IMPACT OF COMPETITIVENESS ON THE EMPLOYABILITY OF PHILIPPINES INDUSTRIAL DESIGNERS: STREAMLINING THE PROGRAM WITH THE INTERNATIONAL MARKET ............................................. 49

5. MOTIVES FOR PARTICIPATING IN SHARING ECONOMY: INTENTIONS TO USE CAR SHARING SERVICES ........................................ 50
6. ANALYSIS OF EFFECT OF RETURN ON EQUITY AND DEBT TO NET WORTH RATIO OF PAY OUT RATIO IN EXCHANGE MEMBER COMPANIES INDONESIA FOR THE EARNED INCOME ................................................................. 51

7. INDUSTRY SALES PATTERNS AND ASYMMETRIC COST BEHAVIOR ................................................................. 52

8. AFFECTING COMPLIANT WITH THE WILLINGNESS TO PAY TAX AS AN INTERVENING VARIABLE FACTORS (STUDIES ON THE TAXPAYER OWNER OF SMES IN PONTIANAK KPP) ........................................................................................................ 53

9. THE INFLUENCE OF INVESTMENT DECISION, FINANCING DECISION, DIVIDEND POLICY AND COMPANY SIZE ON THE FIRM VALUE ........................................................................................................ 54

10. EXISTENCE OF LOCAL MARKET TO THE RAPID GROWTH OF MODERN SHOPPING CENTERS ........................................ 55

11. THE EFFECT OF VENTURE CAPITALISTS ON IPO FIRMS .... 56

12. THE IDEOLOGICAL DEADLOCK OF THE EUROPEAN REFUGEE CRISIS ........................................................................ 58

13. LEVEL OF CONTRIBUTIONS OF FACULTY MEMBERS IN SULTAN QABOOS UNIVERSITY, IN THE RESEARCH GATE NETWORK: DESCRIPTIVE ANALYTICAL STUDY .......... 59

14. A STUDY ON LEARNING ACHIEVEMENT OF INTEGRATED SONGS OF CHINESE HISTORY DYNASTIES INTO CHINESE LANGUAGE TEACHING AT THIRD GRADE IN JUNIOR COLLEGE ........................................................................................................ 60

15. THE RETURN OF MAGICAL THINKING: APPLICATION TO THE CASE OF NEW FOODS .......................................................... 61


17. STUDY ON THE ADAPTABILITY OF PUBLIC UTILITIES DESIGN - A CASE OF “INTEGRATION & HARMONY” UTILITIES ........................................................................................................ 63

18. ALIGNMENTS OF THE REGIONAL REGULATIONS TOWARD MARGINALIZED SOCIETY: A STUDY OF REGULATION ON THE ECONOMIC, SOCIAL AND CULTURAL RIGHTS IN WEST KALIMANTAN PROVINCE ........................................................................................................ 64
19. DESIGN AND DEVELOPMENT OF AUTOMATION SYSTEM OF BUSINESS PROCESSES IN EDUCATIONAL ACTIVITY.......... 65

20. THE EFFECT OF TRANSACTIONAL AND TRANSFORMATIONAL LEADERSHIP ON INDIVIDUAL LECTURERS’ JOB SATISFACTION AND INDIVIDUAL LECTURERS’ TASK PERFORMANCE IN PANCA BHAKTI UNIVERSITY, PONTIANAK ......................................................... 66

21. LOCAL ACT DRAFT MODEL ON DEVELOPMENT, CONTROL AND TELECOMMUNICATION TOWER SUPERVISION.......... 67

22. RESPONSE ANALYSIS AND STRATEGY TO MOVEMENT NATIONAL REHABILITATE FOREST AND FARM (GERHAN) AT PONTIANAK REGENCY.............................................................. 68

23. CONTEMPORARY PROCESSES OF LEXICAL INNOVATIONS IN ENGLISH.................................................................................. 69

24. SUSPENSION TRAINING IS MORE EFFECTIVE THAN SWISS BALL TRAINING ON THE CORE STABILITY IN FEMALE JUNIOR BADMINTON PLAYERS.............................................................. 70

25. SPECIFIC FITNESS PERFORMANCE OF FEMALE JUNIOR BADMINTON PLAYERS IN SINGLE AND DOUBLES............ 71

26. REMISSION FOR THE CORRUPTOR (BETWEEN THE HUMAN RIGHT AND THE SPIRIT FOR ERADICATION OF CORRUPTION) ................................................................................................................. 72

27. THE URGENCY OF LOCAL PUBLIC POLICY PONTIANAK IN EMBODYING LEGAL PROTECTION AGAINST TEACHER..... 73

28. CORPORATE CRIME (CRIMINAL LIABILITY FOR THE CORPORATE) ............................................................................................................. 74

29. PROVIDING LEGAL AID FOR POOR COMMUNITY IN THE RURAL AREA.............................................................................................. 75

30. PARTICIPATIVE CLASS ACTION JUDICIAL PROCEEDING AND SOCIAL NETWORKS ......................................................... 76

31. A FORECAST OF THE PROMISING TECHNOLOGIES IN IOT-BASED U-HEALTH INDUSTRY ......................................................... 77

32. THE PRECARIETY OF MEMORIES: AFFECTIVE RESONANCE IN THE PERFORMANCE OF VIOLENCE AND PEACE IN THE BASQUE COUNTRY OF SPAIN ........................................................................... 78

33. POLITICAL NETWORK CAN MORE INFLUENTIAL THAN OTHER NETWORKS FOR ECONOMIC AWARENESS – A CASE STUDY OF NEPALESE VILLAGE ................................................................. 79
34. THE EFFECT OF FOOD SAFETY INSTRUCTION FOR HIGH AND LOW ACHIEVEMENT JUNIOR COLLEGE STUDENTS THROUGH VIDEO-BASED MULTIMEDIA INSTRUCTION ................................. 81

35. A DIFFUSION TENSOR IMAGING STUDY TO ESTIMATE NORMATIVE FRACTIONAL ANISOTROPY VALUES IN DIFFERENT AGE GROUPS OF NORMAL BRAIN WHITE MATTER ........................................................................................................ 82

36. THE EFFECT OF BODY COMPOSITION IN IMPROVED PLATE ON ELEMENTARY SCHOOL STUDENTS ................................................................. 83

37. SMARTPHONE APPLICATION DESIGN FOR CHILDREN’S WEIGHT CONTROL WITH THEIR PARENTS .............................................................. 84

38. OSTEOPOROSIS HEALTH BELIEFS AND PREVENTIVE BEHAVIOR AMONG JUNIOR HIGH SCHOOL ATHLETIC AND NON-ATHLETIC STUDENTS ........................................................................................................ 85

39. COMPARISON OF AIR ELECTRODE MATERIALS ON LITHIUM-OXYGEN BATTERY CAPACITY AND CYCLE LIFE ......................................................................................................................... 87

40. DESIGN SIMILARITY JUDGEMENT TOOLS APPLYING THE AESTHETICS ELEMENTS SCALE ......................................................................................... 88

41. A-INZNO THIN FILM TRANSISTOR FOR DEEP BLUE RAY SENSING APPLICATION ............................................................................................... 89

42. EFFECTS OF ACTIVE RECOVERY EXERCISE ON THE INDICATORS OF ECCENTRIC EXERCISE INDUCED MUSCLE DAMAGE ................................................................. 90

43. POSITION ESTIMATION SCHEME WITH IR-UWB RADAR FOR LONG-RANGE TARGET ........................................................................................................ 92

FUTURE EVENTS ........................................................................................................... 93

CSR .................................................................................................................................. 104
GIMAR 2017 CONFERENCE ORGANIZING COMMITTEE

Conference President
Prof. Dr. Ir. Rahmatullah Rizieq, M.Si.

Conference Chair
Farooq Ahmed Jam (Ph.D.)
Executive Director (Global Illuminators)

Conference Co-Chair
Tariq Iqbal Khan (Ph.D.)
Director Global Operations (Global Illuminators)

Assoc.Prof. Dr. Felicia Chong
Head Of Organizing Committee
Executive Vice President and Chief Financial Risk Officer (Global Illuminators)

Head of Organizing Committee
Hj. Yenny AS,S.h, M.H

Secretariat and Administration Division Coordinator
Charlyna S.Purba, S.H, M.H

Accommodation Division Coordinator
Adi Mursalin, S.E., M.M

Secretariat and Administration Division Coordinator
Annurdi, S.H., M.H
Planning Division Coordinator
*Henny Damaryanti, S.H., M. Hum*

Treasurers Coordinator
*Ir. Sri Andayani, M.Ma*

Logistic and Sponsorship Division Coordinator
*Jane Elisabeth Wuysang, S.T., M.T*

Media Publication Division Coordinator
*Arif Parabi, S.T., M.T*

Logistic and Sponsorship Division Coordinator
*Dr. Rahmat Satria, S.H., M.H*

Side event and Hospitality Division Coordinator
*Dr. Agussalim Masulili, M.P*

On Chee Hoong
*Manager Operations (Global Illuminators)*

Najm Us Sahar
*Manager Research & Coordination (Global Illuminators)*
3rd International Conference on “Global Issues in Multidisciplinary Academic Research” (GIMAR - February, 01-02, 2017)
GIMAR© 2017 Tokyo, Japan
Global Illuminators, Kuala Lumpur, Malaysia.

Organized By

Global Illuminators

Universitas Panca Bhakti - Pontianak
Conference Chair Message

Farooq Ahmed Jam (Ph.D.)

The 3rd International Conference on “Global Issues In Multidisciplinary Academic Research” (GIMAR - 2017) serves as a platform that aims to help the scholarly community across nations to explore the critical role of multidisciplinary innovations for sustainability and growth of human societies. This conference provides an opportunity to the academicians, practitioners, scientists, and scholars from across various disciplines to discuss avenues for interdisciplinary innovations and identify effective ways to address the regional and global challenges faced by our societies. The research ideas and studies that we received for this conference are very promising, unique, and impactful. I believe, these studies have the potential to address key challenges in various sub-domains of social sciences and applied sciences. The scholars attending this conference will certainly find it helpful in refining their own research ideas, finding solutions to basic/applied problems they face and interacting with other renowned scholars for possible future collaborations.

I am really thankful to our honorable scientific and review committee for spending much of their time in reviewing the papers for this event, selecting the best paper awards and helping the participants in publishing their research in affiliated journals. Also special thanks to all the session chairs from industry, academia and policy-making institutions who volunteered their time and support to make this event a success.
A very special thanks to the great scholars for being here with us as key note speakers. Their valuable thoughts will surely open the horizon of new research and practice for the conference participants coming from across the globe. I am also thankful to all the participants for being here with us to create an environment of knowledge sharing and learning. We the scholars of this world belong to the elite educated class of this society and we owe a lot to return back to this society. Let’s break all the discriminating barriers and get free from all minor affiliations. Let’s contribute even a little or single step for betterment of society and welfare of humanity to bring prosperity, peace and harmony in this world. Stay blessed.
Type of GIMAR Papers

For this year, GIMAR has two types of papers: *Empirical Studies* and *Insight*. Research papers meet the needs of researchers and are reviewed on the basis of highest academic standards. The objective of the academic paper is to contribute to the scientific body of knowledge. On the contrary, Insight papers meet the needs of policy makers and professionals and are reviewed on the basis of high practical standards. The objective of the Insight is to identify the real world problems and how they can be solved with the help of information systems.

Reviewing Criteria

In GIMAR, all papers are judged on the same criteria (relevance, significance, originality, validity and clarity). However some criteria differ between the Research papers and Insight papers.

*Relevance*: Relevance has a great impact on the theme of the conference. The material is relevant and according to the theme of the conference.

*Significance*: Knowledge in different researches in the conference is related to research papers and insight papers.

*Originality*: Ideas that are new for the researchers are used in the conference.

*Validity*: Research papers in the conference are based on theory while the insight papers in the research are based on experimental researches. References are according to content.
Clarity: Papers are according to the format, language is easy and understandable by the audience in the conference.

Acceptance Rates

<table>
<thead>
<tr>
<th>Full Research Papers</th>
<th>Submitted Papers</th>
<th>Accepted Papers</th>
<th>Withdrawn</th>
<th>Unqualified papers</th>
<th>Acceptance Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>144</td>
<td>90</td>
<td>10</td>
<td>44</td>
<td>55%</td>
<td></td>
</tr>
</tbody>
</table>

Copyright Agreement

In GIMAR 2017 proceedings, all authors have agreed on the copyright agreement. This agreement shows that only authors can retain copyright. It also permits that nobody can use, for non-commercial purpose such as to download, print out etc., an article published in the GIMAR 2017 proceedings. All credit is given to the authors and they have copyright agreements. This copyright agreement and use license ensures, among other things, that an article will be as widely available as possible and that the article can be included in any scientific archive.
Acknowledgment

A huge number of people helped in conducting the conference. First of all thanks to all the members of the Conference and Program Committee and representatives of the GIMAR board and their helpers. We also want to thank all the Track Chairs, and reviewers, as well as all the members of the Scientific Committee for their help in the review process and organizing the tracks and special sessions. We thank everyone for their hard work and dedication to this conference and we look forward to the latest episode of the GIMAR tradition.

Farooq Ahmed Jam (Ph.D.), Tariq Iqbal Khan (Ph.D.)
Program Chair & Co-Chair
INTERNATIONAL SCIENTIFIC REVIEW COMMITTEE GIMAR-2017

BUSINESS, MANAGEMENT AND ECONOMIC STUDIES

Palti Marulitua Sitorus (Ph.D.)
Telkom University, Indonesia

University Technology, Malaysia.

Prof. Ravindran Ramasamy (Ph.D.)
Graduate School of Business,
UniRazaK, Kuala Lumpur, Malaysia

Ludmila Mládková (Ph.D.)
Faculty of Business Administration, Department of Management
University of Economics Prague

Mohd. Norfian Alifiah
Faculty of Management, Department of Accounting and Finance,
Universiti Teknologi Malaysia, Malaysia

Ahmed Saddam (Ph.D.)
Country Director-Iraq
Global Illuminators

Mohammad Hamad Khalef AlKhresheh (Ph.D.)
Country Director-Jordan
Global Illuminators

Christophe Schinckus (Ph.D.)
School of Management
Ken Edwards Building
University of Leicester
Dr. Suresh B. Gholse (Ph.D.)
Vatar Meherbaba College,
Rtm Nagpur University, Nagpur, India

Ghulam Rasul Awan (Ph.D.)
UCP Business School, UCP Lahore, Pakistan

Lau Wee Yeap (Ph.D.)
Faculty of Economics & Administration,
University of Malaya, Kuala Lumpur, Malaysia

Vignes Gopal
Faculty of Economics and Administration
University of Malaya

J. A. Arul Chellakumar (Ph.D.)
Head Department of Economics
Bharathidasan University
Tiruchirappalli, Tamilnadu, India

Girish Karunakaran Nair (Ph.D.)
Programme Leader
International Hospitality Management Faculty
Stenden University, Qatar

Galla Venkata Rama Krishna Acharyulu (Ph.D.)
School of Management Studies,
University of Hyderabad, India.

Amir Hossein Dastaviz (Ph.D.)
Institute of Graduate Studies,
University Of Malay, Kuala Lumpur, Malaysia

Syed Ahmed Salman
International Islamic University
Malaysia, Gombak, Selangor, Malaysia
3rd International Conference on “Global Issues in Multidisciplinary Academic Research” (GIMAR- February, 01-02, 2017)
GIMAR® 2017 Tokyo, Japan
Global Illuminators, Kuala Lumpur, Malaysia.

Dr. Wurim Ben Pam (Ph.D.)
Federal University, Dutse-in-ma,
Katsina State, Nigeria

Wang, Yu-Mei
Asia University, Taiwan

Aglis Andhita Hatmawan
STIE Dharma Iswara Madiun, Indonesia

Hasnun Anip Bin Bustaman
University Teknologi MARA, Malaysia

Bertin Chen
Vanung University, Taiwan

Susan Irawan Rifai
Centro Escolar University, Philippines

Jihoon Kim
Ehime University, Korea, South

Chien-Tu Jeff Lai
National Chengchi University, Taiwan

Haykel Hadjs Alem
LEM, University of Lille France

Prof. Dr. Tarek Taha Ahmed
Faculty of Business,
Pharos University in Alexandria, Egypt

Samar J. Al-Barghouthi
Royal University for Women, Bahrain

Deus Ngaruko
Centre for Economics and Community Economic Development, the Open University of Tanzania
Mohammad Ehsani
Tarbiat Modares University,
Israel, Imam Khomeini International University, Iran

Ismail BİLGİÇLİ
Sakarya University Karasu MYO, Turkey

Tack Hyun Shin
Seoul National University of Science and Technology, Korea, South

Sun-Young Nam
Department of Pharmacology, College of Korean Medicine, Kyung Hee University, Seoul, 130-701, Republic of Korea

Vicent Stanslaus
The Open University Of Tanzania

Partha Ray
Indian Institute of Management Calcutta, Institute of Management Technology, Ghaziabad, India

SOCIAL SCIENCES AND HUMANITIES

Charlyna S. Purba, S.H., M.H.
Universitas Panca Bhakti
Kalimantan BARAt

Hj. Yenny AS, S.H., M.H.
Universitas Panca Bhakti
Kalimantan BARAt

Sailesh Sharma (Ph.D.)
Deputy Vice Chancellor (Academic & International)
University of Malaya, Kuala Lumpur, Malaysia

Siamak Khodarahimi (Ph.D.)
Islamic Azad University,
Fars Province, Iran
Rex Balena (Ph.D.)  
*Oceanographer and Education Specialist*  
*University of the Philippines in the Visayas*

Dr. A B Sharangi  
*HOD, Research Scholar, Agricultural University*

Jayson E. Lannu  
*Jose Rizal University, Philippines*

Amandha Boy Timor Randita  
*Faculty of Medicine, Sebelas Maret University, Indonesia*

Gogoberidze George  
*Russian State Hydrometeorological University (RSHU), Russia*

Krittawayya Thongkoo  
*Chiang Mai University, Thailand*

Tzu-yi Lee  
*Chung Yuan Christian University, Taiwan*

Renan Limjuco (Ph.D.)  
*University of the Immaculate Conception Davao City, Philippines*

Kankan Kasmana  
*Departemen Visual Communication Design-Indonesia Computer University, Indonesia*

Monique Musni- Tagaytay, M.A.Ed  
*University of the Immaculate Conception Philippines, Philippines*

Naidu Narainsamy  
*Department of Psychology of Education, University of South Africa (UNISA), College of Education, South Africa*
Sultanbayeva Gulmira
Al-Farabi Kazakh national University, Kazakhstan

Emilio A. Cruz
Bulacan State University, Malolos City, Bulacan, Philippines

Si, Li
Wuhan University, China

Dr. Nessreen A. Elmelegy
Royal University for Women, Kingdom Of Bahrain, Bahrain

Dr. Shusil Kumar Das
Daffodil International University, Dhaka, Bangladesh

Dr. Rovelina B. Jacobia
Polytechnic University of the Philippines

Sathiamoorthy Kannan
Institute of Educational Leadership, University of Malaysia

Dr. Isabella Musyoka-Kamere
Maasai Mara University, Kenyatta University, Kenya

Hadi Ebadi
Universiti Teknologi Malaysia 2. Razi University, Iran

Dr. Shusil Kumar Das
Daffodil International University, Dhaka, Bangladesh

Botabaeva Ademi Erkebaevna
Eurasian National University named after L.N. Gumilyov, Kazakhstan

Girma Y. I. Menelik
Penza State University Russia, K. Satbaev Kazakh National Technical University, Kazakhstan
I-Ju Chen  
*Ling Tung University, Taiwan*

Wen, Yvonne, Ying-Ya  
*National Formosa University, Taiwan*

**PHYSICAL LIFE AND APPLIED SCIENCES**

**Prof. Dr. Ir. Rahmatullah Rizieq, M.Si.**  
*Universitas Panca Bhakti*  
*Kalimantan BARAt*

**Yan LI (Ph.D.)**  
*Nanyang Technological University, Singapore*

**Md. Saleh Ahmed (Ph.D.)**  
*Department of Mathematics & Statistics*  
*Sultan Qaboos University, Muscat, Oman*

**Saon Banerjee (Ph.D.)**  
*OIC, AICRP on Agrometeorology,*  
*State Agricultural University*

**Mohd. Nizam Omar**  
*Universiti Utara Malaysia, 06010 UUM Sintok, Kedah, Malaysia*

**Amina Bakhrouf**  
*Laboratory of Analysis, Treatment and Valorisation of Environment Pollutants and Products, Monastir, Tunisia*

**Shatrova, Olga**  
*Russian State Hydrometeorological University (RSHU), Russia*
ENGINEERING AND TECHNOLOGY STUDIES

Nurul Akmar Binti Emran (Ph.D.)
Faculty of Information Communication Technology
Universiti Teknikal Malaysia Melaka

Chee-Ming Chan (Ph.D.)
Civil and Environmental Engineering
Universiti Tun Hussein Onn, Malaysia

Zhaparov Meirambek Kazimovich (Ph.D.)
Head of Micro learning Research Centre
Suleyman Demirel University, Kazakhstan

Noor Zaman (Ph.D.)
College of Computer Science and IT,
King Faisal University, Saudi Arabia

Kelly Whealan George (Ph.D.)
Embry-Riddle Aeronautical University (ERAU), USA

Prof. Dr. Hj. Dwi Kartini, SE. Spec. Lic (Ph.D.)
University of Computer Indonesia (Unikom)
Bandung, Indonesia

Valeria Ersilia Oniga (Ph.D.)
Department of Terrestrial Measurements and Cadastre
Technical University “Gh.Asachi” from Iasi
Romania

Prof. Dr. Hj. Dwi Kartini, SE. Spec. Lic (Ph.D.)
University of Computer Indonesia (Unikom)
Bandung, Indonesia

Mira Rahayu
Telkom University Indonesia, Indonesia
Ony Widilestariningtyas  
*Universitas Komputer Indonesia, Indonesia*

Yully Ambarsih Ekawardhani  
*UNIKOM, Institut Teknologi Bandung, Indonesia*

Emel Zeray  
*Selcuk University Geomatics Department, Turkey*

Nedjah  
*Preparatory School of Sciences and Technology (EPST Annaba), Algeria*

Tashenova  
*L. N. Gumilyov Eurasian National University, Kazakhstan*

Farah Jemili  
*Department of Computer Sciences, Higher Institute of Computer and Communication Techniques, Sousse University, Tunisia*

Nahid Sanzida  
*Bangladesh University of Engineering and Technology (BUET), Bangladesh*

**HEALTH AND MEDICINE STUDIES**

Balachandar S. Sayapathi (Ph.D.)  
*Faculty of Medicine, University of Malaya*

Ahmed Kaid Naji Allow (Ph.D.)  
*Head of Dept. of Human Physiology  
College of Medicine and Health Sciences  
Sana’a University, R. Yemen*

Prof. Dr. drg. Andi Zulkifli, M. Kes  
*Faculty of Public Health Hasanuddin University, Makassar, Indonesia*
Fauzie Rahman
Head of Health Policy Management Department at School of Public Health, Faculty of Medicine, Lambung Mangkurat University, Indonesia

Helia Rahbari
Faculty of Paramedical Sciences at Shahid Beheshti University of Medical Sciences, Iran

Dr. Narjis Rizvi
Aga Khan University, stadium road, Karachi, Pakistan

Dr. Elvira Urgel (Ph.D.)
Centro Escolar University, China

Maria Bea Lao
Medical Technology/Medical Laboratory Science University of the Immaculate Conception Philippine

Nima Kasraie
Children’s Mercy Hospital United States

Haseen Fariha
Bangabandhu Sheikh Mujib Medical University, Bangladesh

Der-Hsiang Huang
Graduate Institute of Professional Development in Education, Da-Yeh University, Taiwan

Kazushi Okamoto
Aichi Prefectural University, Japan

Abolhassani Shahla
Shahrekord University of Medical Sciences, Shahrekord, Iran

Dr. Umme Kulsum Rima
Hajee Mohammad Danesh Science & Technology University Dinajpur, Bangladesh

Mohammad A. H. Khan
Faculty of Veterinary Science, Bangladesh Agricultural University
Enayatollah Kalantar  
Department of Microbiology and Immunology, School of Medicine, Alborz University of Medical Sciences, Karaj, Iran

Cahit Canbay  
Yeditepe University, Turkey

Rahbari, Helia  
Faculty of Paramedical Sciences at Shahid Beheshti University of Medical Sciences, Tehran, Iran

Cheng-Chi Chang  
Graduated Institute of Oral Biology, National Taiwan University, Taipei, Taiwan

Bodin Oleg N  
Ling Tung University, Taiwan

Zahra Godarzi  
Tehran University of Medical Sciences, Iran

Zhou Rui-Hua  
School of Public Health, North China University Of Science And Technology
KEYNOTE SPEAKER

Prof. Dr. Ir. Rahmatullah Rizieq, MSi

Rahmatullah Rizieq, is a Rector of Panca Bhakti University. He was born on January 12, 1969 in Banjarmasin. After graduated his bachelor degree from Faculty of Agriculture of Lambung Mangkurat University, he continued his master and doctoral degree in Economic and Development Study of Syiah Kuala University Banda Aceh. As a professor, he is expert in Macroeconomics, Policy and Econometrics. Some of his works have been published in several journals, including Soca Journal, Indonesia Agribusiness Journal, Semar Journal, Agrisains Journal and Equilibrian Journal. In addition to being a lecturer in Panca Bhakti University, he has taught in Tanjungpura University master degree for Agribusiness Management and Economics; and Syiah Kuala University Banda Aceh for Economics and Development Study.
GIMAR 2017 Tracks’ Chairs

Business, Management and Economics Studies
Jaehun Joo & Jeong-Ho Koo
Hertel, Frederik & Mary Florence Lei Nobleza

Social Sciences & Humanities
Shao Shihe & Kim, Jeongeun
Gai Suhardja & Charlyna S. Purba
Max Poulain & Cyril-Mary P. Olatunji

Health and Medicine Studies
Shao Shihe & Adi Mursalin

Engineering & Technology Studies
Agnes Meika Putri & Risal
GIMAR 2017 Panels

“Interdisciplinary Collaboration in Different Fields of Research and Practice: Working Together for A Better Future”

Moderator: Dr. Farooq Ahmed Jam

In this panel discussion, members will be involved to discuss the Inter-professional collaboration that occurs when 2 or more professions work together to achieve common goals and is often used as a means for solving a variety of problems and complex issues. In this panel discussion, benefits of collaboration will be discussed that how it allows professionals to achieve together more than they can individually, serve larger groups of people, and grow on individual and organizational levels. This panel discussion will provide an overview of inter-professional collaboration in different fields of research and practice, barriers to collaboration will also be discussed by the participants; and they will also suggest potential means to overcome them.
Best Paper Nominee List

A Diffusion Tensor Imaging Study to Estimate Normative Fractional Anisotropy Values in Different Age Groups of Normal Brain White Matter
Rahul P Kotian*, Dr Prakashini K, Dr Sreekumaran Nair, Dr Satish Babu M
Manipal University, India

Design Similarity Judgement Tools Applying the Aesthetics Elements Scale
Hongseok Seo, Jungpyo Hong
Chonbuk National University, Korea

A Forecast of the Promising Technologies in IoT-based U-Health Industry
Sawng, Yeong-Wha Lee, Sangjic, Na, Won-Jun, Kim, Hyeonwoo
Konkuk University, Korea.
Republic of Korea Naval Academy, Korea

Analysis of Effect of Return on Equity and Debt to Net Worth Ratio of Pay Out Ratio in Exchange Member Companies Indonesia for the Earned Income
Niswan, Ery, Dra Febriati,MM
University of Panca Bhakti, Pontianak Indonesia.
Industry Sales Patterns and Asymmetric Cost Behavior

Jeong-Ho Koo, Yeon-Hee Park, Tae-Young Paik
Kumoh National Institute of Technology
Kongju National University, South Korea
Sungkyunkwan University, South Korea

Effects of Active Recovery Exercise on the Indicators of Eccentric Exercise Induced Muscle Damage

Ming-Ju Lin, Jung-Charng Lin, Wei-Chin Hong, Chang-Tsang Yeh
National Chiayi University
Chinese Culture University
GIMAR 2017 Best Paper Award Winner

Industry Sales Patterns and Asymmetric Cost Behavior

Jeong-Ho Koo *, Yeon-Hee Park Tae-Young Paik
Kumoh National Institute of Technology
Kongju National University, South Korea
Sungkyunkwan University, South Korea
GIMAR 2017 Conference Committee

Conference Chair
Farooq Ahmed Jam (Ph.D.)
Executive Director (Global Illuminators)

Conference Co-Chair
Tariq Iqbal Khan (Ph.D.)
Director Global Operations (Global Illuminators)

Head of Organizing Committee
Hj. Yenny AS, S.h, M.H

Editor
Dr. Ahmad Saddam (Ph.D.)

Printed and Published by: Global Illuminators Malaysia
# CONFERENCE PROGRAM

**DAY 01 Wednesday (February 01, 2017)**

**Welcome Reception & Registration**

8:15 am – 9:00 am  
**Opening Ceremony (09:00 am – 10:00 am)**  
Venue: Banquet Room 9B 【9th Floor】

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Presenter/Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00 am - 09:10am</td>
<td>Welcome Remarks – Yogi Muldani Hendrawan</td>
<td></td>
</tr>
<tr>
<td>09:20 am - 09:30am</td>
<td>Opening Speech - Dr. Farooq Ahmed Jam(Ph.D.)</td>
<td>Conference Chair- GIMAR-2017 Executive Director, Global Illuminators</td>
</tr>
<tr>
<td>09:30 am - 09:40am</td>
<td>Keynote Speech - Prof. Dr. Ir. Rahmatullah Rizieq, M.Si</td>
<td>Rector of Panca Bhakti University, Indonesia</td>
</tr>
<tr>
<td>09:40 am - 10:00am</td>
<td>Group Photo &amp; Award Ceremony</td>
<td></td>
</tr>
</tbody>
</table>

Grand Networking Session and Tea Break (10:00 am – 10:30 am)
### DAY 01 Wednesday (February 01, 2017)

**Session 1 (10:30 am – 12:00 pm)**

**Venue: Banquet Room 9B 【9th Floor】**

**Session Chairs: Jaehun Joo & Jeong-Ho Koo**

**Track A: Business, Management & Economics Studies**

<table>
<thead>
<tr>
<th>GIMAR-17-126</th>
<th>Exploring the Factors Influencing Business Intelligence Systems Adoption: The Case of Ghanaian Banks</th>
<th>Acheampong Owusu</th>
</tr>
</thead>
<tbody>
<tr>
<td>GIMAR-17-127</td>
<td>Interdisciplinarity as Solution for the Contingency between Job Localization Needs in Oman: The Case Information Studies</td>
<td>Naeema H. Jabur</td>
</tr>
<tr>
<td>GIMAR-17-183</td>
<td>Critical Management Studies How Managers Handle Difficulty Decision Making By Avoiding Critical Information.</td>
<td>Hertel,Fredrik</td>
</tr>
<tr>
<td>GIMAR-17-186</td>
<td>The Impact of Competitiveness to the Employability of Philippine Industrial Designers: Streamlining The Program with the International Market</td>
<td>Mary Florence Lei Nobleza</td>
</tr>
<tr>
<td>GIMAR-17-194</td>
<td>An Empirical Analysis of Corporate Social Responsibility towards Tax Aggressiveness in Indonesia</td>
<td>Cindi Feronika Rosalia Citra Novianda</td>
</tr>
<tr>
<td>GIMAR-17-238</td>
<td>Existence of Local Market to the Rapid Growth of Modern Shopping Centres</td>
<td>Nurfitriwati</td>
</tr>
<tr>
<td>GIMAR-17-210</td>
<td>The Effect of Good Governance in Local Autonomous Region for Education Sector in Indonesia.</td>
<td>Agnes Meika Putri</td>
</tr>
</tbody>
</table>

**Lunch Break (12:00 pm – 01:00 pm)**
DAY 01 Wednesday (February 01, 2017)

**Session 1 (10:30 am – 12:00 pm)**
**Venue:** Banquet Room 9D 【9th Floor】
**Session Chairs:** Shao Shihe & Farooq Ahmed Jam
**Track B: Social Sciences & Humanities**

<table>
<thead>
<tr>
<th>GIMAR-17-121</th>
<th>The Ideological Deadlock of the European Refugee Crisis</th>
<th>Martin Moelholm</th>
</tr>
</thead>
<tbody>
<tr>
<td>GIMAR-17-122</td>
<td>Level of contributions of faculty members in Sultan Qaboos University, in the Research Gate Network: Descriptive Analytical Study</td>
<td>Sabah Mohammed Kallow</td>
</tr>
<tr>
<td>GIMAR-17-142</td>
<td>A Study on Learning Achievement of Integrated Songs of Chinese History Dynasties into Chinese Language Teaching at Third Grade in Junior College</td>
<td>An-An, Wu</td>
</tr>
<tr>
<td>GIMAR-17-152</td>
<td>The return of the magical thinking: in Application of the New Power Supplies Case.</td>
<td>Max Poulain Fanny Parise</td>
</tr>
<tr>
<td>GIMAR-17-153</td>
<td>The Theme “Leyli And Majnun”, The Ancient Legend of the East in the Cognominal Symphonic Poem of Great Composer Gara Garayev (on Specific and Non – Specific Content)</td>
<td>Vusala Amirbayova</td>
</tr>
<tr>
<td>GIMAR-17-172</td>
<td>Study on the Adaptability of Public Utilities Design - A Case of “Integration &amp; Harmony” Utilities</td>
<td>Wei XU</td>
</tr>
<tr>
<td>GIMAR-17-199</td>
<td>A Forecast of the Promising Technologies in Iot-Based U-Health Industry</td>
<td>Kim, Hyeonwoo Sawng, Yeong-Wha</td>
</tr>
</tbody>
</table>

**Lunch Break (12:00 pm – 01:00 pm)**
### DAY 01 Wednesday (February 01, 2017)

**Session 1 (10:30 am – 12:00 pm)**  
**Venue:** Conference Room B1A 【B1 Basement】

**Session Chairs:** Rahmad Satria, SH.,MH & Charlyna S. Purba  
**Track B: Social Sciences & Humanities**

<table>
<thead>
<tr>
<th>GIMAR-17-222</th>
<th>Specific Fitness Performance of Female Junior Badminton Players in Single and Doubles</th>
<th>Hsuan-Chun Tsai</th>
</tr>
</thead>
<tbody>
<tr>
<td>GIMAR-17-198</td>
<td>Design and Development of Automation System of Business Processes in Educational Activity</td>
<td>Kulanda Duisebekova, Dinara Kozhamzharova</td>
</tr>
<tr>
<td>GIMAR-17-201</td>
<td>The Effect of Transactional and Transformational Leadership on Individual Lecturers Job Satisfaction And Individual Lecturers Task Performance in Panca Bhakti University (Pontianak, West Kalimantan)</td>
<td>Adi Mursalin</td>
</tr>
<tr>
<td>GIMAR-17-195</td>
<td>The Alignment of the Regional Regulations toward Marginalized Society: Study of the Fulfillment on Economic, Social and Cultural Rights in West Kalimantan Province</td>
<td>Rahmad Satria, SH.,MH</td>
</tr>
<tr>
<td>GIMAR-17-211</td>
<td>Response Analysis And Strategy to Movement National Rehabilitate Forest and Farm (Gerhan) at Pontianak Regency</td>
<td>Zulfahmi</td>
</tr>
<tr>
<td>GIMAR-17-213</td>
<td>Contemporary Processes of Lexical Innovations in English</td>
<td>Assel Koshekova</td>
</tr>
<tr>
<td>GIMAR-17-217</td>
<td>Suspension Training Is More Effective than Swiss Ball Training on the Core Stability in Female Junior Badminton Players</td>
<td>Hsuan-Chun Tsai</td>
</tr>
<tr>
<td>GIMAR-17-241</td>
<td>Participative Class Action Judicial Proceeding And Social Networks</td>
<td>Reginaldo Gonçalves Gomes</td>
</tr>
</tbody>
</table>

**Lunch Break (12:00 pm – 01:00 pm)**
DAY 01 Wednesday (February 01, 2017)

Panel Discussion Session (01:00 pm – 02:00 pm)
Venue: Banquet Room 9B  【9th Floor】

Panel Discussion* “Interdisciplinary Collaboration in Different Fields of Research and Practice: Working Together for A Better Future”

<table>
<thead>
<tr>
<th>Moderator</th>
<th>Dr. Farooq Ahmed Jam (Ph.D.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Participants</td>
<td>All Participants</td>
</tr>
</tbody>
</table>

In this panel discussion, members will be involved to discuss the Inter-professional collaboration occurs when 2 or more professions work together to achieve common goals and is often used as a means for solving a variety of problems and complex issues. In this panel discussion, benefits of collaboration will be discussed that how it allows professionals to achieve together more than they can individually, serve larger groups of people, and grow on individual and organizational levels. This panel Discussion will provide an overview of inter-professional collaboration in different fields of research and practice, barriers to collaboration will also be discussed by the participants; and they will also suggest potential means to overcome them.
DAY 01 Wednesday (February 01, 2017)

Session 2 (02:00 pm – 03:30 pm)
Venue: Banquet Room 9D 【9th Floor】
Session Chairs: Shao Shihe & Adi Mursalin
Track B: Health and Medicine Studies

<table>
<thead>
<tr>
<th>Session ID</th>
<th>Title</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>GIMAR-17-143</td>
<td>The Effect of Food Safety Instruction for High and Low Achievement Junior College Students through Video-Based Multimedia Instruction</td>
<td>Kai-Ping, Wang</td>
</tr>
<tr>
<td>GIMAR-17-192</td>
<td>A Diffusion Tensor Imaging Study to Estimate Normative Fractional Anisotropy Values in Different Age Groups of Normal Brain White Matter</td>
<td>Rahul P Kotian</td>
</tr>
<tr>
<td>GIMAR-17-230</td>
<td>The Effect Of Body Composition in Improved Plate on Elementary School Students</td>
<td>Chang-Tsang Yeh</td>
</tr>
<tr>
<td>GIMAR-17-236</td>
<td>Smartphone Application Design for Children’s Weight Control with their Parents</td>
<td>Kim, Jeongeun</td>
</tr>
<tr>
<td>GIMAR-17-125</td>
<td>Osteoporosis Health Beliefs And Preventive Behavior Among Junior High School Athletic and Non-Athletic Students</td>
<td>Shu-Lin Lee</td>
</tr>
</tbody>
</table>

Tea Break: (03:30 pm – 03:45 pm)
DAY 01 Wednesday (February 01, 2017)

Session 2 (02:00 pm – 03:30 pm)
Venue: Conference Room B1A 【B1 Basement】
Session Chairs: Agnes Meika Putri & Annurdi

Track C: Engineering, Technology, Physical and Applied Sciences Studies

<table>
<thead>
<tr>
<th>GIMAR-17-191</th>
<th>Comparison of Air Electrode Materials on Lithium-Oxygen Battery Capacity and Cycle Life</th>
<th>Shingjiang Jessie Lue (S.J. Lue)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GIMAR-17-193</td>
<td>Design Similarity Judgement Tools Applying the Aesthetics Elements Scale</td>
<td>Hongseok Seo</td>
</tr>
<tr>
<td>GIMAR-17-218</td>
<td>A-Inzno Thin Film Transistor For Deep Blue Ray Sensing Application</td>
<td>Yu-Quan Qiu</td>
</tr>
<tr>
<td>GIMAR-17-220</td>
<td>Study In Novel TAOS Based Cu/Tiw/IWO/Al2O3/Pt Bilayer CBRAM</td>
<td>Wei-Chiao Chang</td>
</tr>
<tr>
<td>GIMAR-17-225</td>
<td>Position Estimation Scheme With IR-UWB Radar For Long-Range Target</td>
<td>Kim, Youngok</td>
</tr>
<tr>
<td>GIMAR-17-231</td>
<td>Effects of Active Recovery Exercise on the Indicators of Eccentric Exercise Induced Muscle Damage</td>
<td>Ming-Ju Lin</td>
</tr>
</tbody>
</table>

Tea Break: (03: 30 pm – 03:45 pm)
**DAY 01 Wednesday (February 01, 2017)**

**Session 3 (03:45 pm – 04:45 pm)**  
**Venue: Banquet Room 9D【9th Floor】**  
**Session Chairs: Hertel, Frederik & Mary Florence Lei Nobleza**  
**Track C: Business, Management & Economics Studies**

| GIMAR-17-214 | Analysis of Effect of Return on Equity and Debt to Net Worth Ratio of Pay Out Ratio in Exchange Member Companies Indonesia the Earned Income | Ery Niswan |
| GIMAR-17-215 | Industry Sales Patterns And Asymmetric Cost Behaviour | Jeong-Ho Koo |
| GIMAR-17-219 | Tests Factors Which Will Affect the Willingness of Tax Compliance As An Intervening Variable, the Tax Payer in the Tax Office Pratama Pontianak (The Case Study on the Taxpayer Micro, Small and Medium Enterprise) | Dra.Reni Widyastuti,MSi |
| GIMAR-17-221 | The Influence of Investment Decisions, Financing Decisions, Dividend Policy and The Company Size on the Firm Value | Risal SE,Msi, Akt |
| GIMAR-17-196 | Motives for Participating in Sharing Economy: Intentions to Use Car Sharing Services | Jaehun Joo |
# DAY 01 Wednesday (February 01, 2017)

**Session 3 (03:45 pm – 04:45 pm)**  
Venue: Conference Room B1A 【B1 Basement】

**Session Chairs:** Max Poulain & Cyril-Mary P. Olatunji  
**Track C: Social Sciences & Humanities**

| GIMAR-17-226 | Remission for the Corruptor (Between the Human Right and the Spirit for Eradication Corruption) | Henny Damaryanti, Hendrik, Sh,Mh |
| GIMAR-17-226 | Remission for the Corruptor (Between the Human Right and the Spirit for Eradication Corruption) | Hendrik, Sh,Mh |
| GIMAR-17-234 | The Urgency of Local Public Policy Pontianak City in Emboding Legal Protection Against Teacher | Yenny AS |
| GIMAR-17-235 | Corporate Crime (Criminal Liability for the Corporate) | Annurdi |
| GIMAR-17-207 | Local Act Draft Model on Development, Control and Telecommunication Tower Supervision | Charlyna S. Purba |
| GIMAR-17-239 | Providing Legal Aid for Poor Community in the Rural Area | Charlyna S. Purba |
| GIMAR-17-223 | The Precarity of Memories: Affective Resonance in the Performance of Violence and Peace in the Basque Country of Spain | Guevara, Alberto |
| GIMAR-17-243 | Political Network Can More Influential than Other Networks for Economic Awareness – A Case Study of Nepalese Village | Lohani Subhash Prasad |
DAY 01 Wednesday (February 01, 2017)

Session 3(4:45 pm – 05:30pm)
Venue: Banquet Room 9D 【9th Floor】
Session Chairs: Farooq Ahmed Jam

<table>
<thead>
<tr>
<th>Session Chairs</th>
<th>Title</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Exploring the Factors Influencing Business Intelligence Systems Adoption: the Case of Ghanaian Banks</td>
<td>Acheampong Owusu</td>
</tr>
<tr>
<td></td>
<td>Can I Find a Reliable Solution to a Problem I was caused to Create</td>
<td>Cyril-Mary P. Olatunji</td>
</tr>
<tr>
<td></td>
<td>Design Similarity Judgement Tools Applying the Aesthetics Elements Scale</td>
<td>Hongseok Seo</td>
</tr>
<tr>
<td></td>
<td>A Forecast of the Promising Technologies in Iot-Based U-Health Industry</td>
<td>Kim, Hyeonwoo</td>
</tr>
</tbody>
</table>

Closing Ceremony: (05:30 pm – 06:00 pm)
DAY 01 Wednesday (February 01, 2017)

Session 3(4:45 pm – 05:30 pm)
Venue: Banquet Room 9D 【9th Floor】
Session Chairs: Farooq Ahmed Jam
Doctoral Colloquium

<table>
<thead>
<tr>
<th>Session ID</th>
<th>Title</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>GIMAR-17-213</td>
<td>Contemporary Processes of Lexical Innovations in English</td>
<td>Assel Koshekova</td>
</tr>
<tr>
<td>GIMAR-17-217</td>
<td>Suspension Training is More Effective than Swiss Ball Training on the Core Stability in Female Junior Badminton Players</td>
<td>Hsuan-Chun Tsai</td>
</tr>
<tr>
<td>GIMAR-17-218</td>
<td>A-Inzno Thin Film Transistor For Deep Blue Ray Sensing Application</td>
<td>Yu-Quan Qiu</td>
</tr>
<tr>
<td>GIMAR-17-222</td>
<td>Specific Fitness Performance of Female Junior Badminton Players in Single and Doubles</td>
<td>Hsuan-Chun Tsai</td>
</tr>
<tr>
<td>GIMAR-17-230</td>
<td>The Effect of Body Composition in Improved Plate on Elementary School Students</td>
<td>Chang-Tsang Yeh</td>
</tr>
</tbody>
</table>

Closing Ceremony: (05:30 pm – 06:00 pm)
LIST OF CONFERENCE ATTENDEES

The following scholars/practitioners/educationists don’t have any paper presentations; however they will be attending the conference as delegates and observers.

<table>
<thead>
<tr>
<th>ID</th>
<th>Name</th>
<th>Affiliation</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>GIMAR-17-151</td>
<td>Shao Shihe</td>
<td>Jiangsu University</td>
<td>China</td>
</tr>
<tr>
<td>GIMAR-17-151A</td>
<td>Fang Jian</td>
<td>Jiangsu University</td>
<td>China</td>
</tr>
<tr>
<td>GIMAR-17-201A</td>
<td>Aisyah</td>
<td>Panca Bhakti University</td>
<td>Indonesia</td>
</tr>
<tr>
<td>GIMAR-17-214A</td>
<td>Dra Febriati,MM</td>
<td>Panca Bhakti University</td>
<td>Indonesia</td>
</tr>
<tr>
<td>GIMAR-17219A</td>
<td>Dra.Reni Widyastuti,MSi</td>
<td>Panca Bhakti University</td>
<td>Indonesia</td>
</tr>
<tr>
<td>GIMAR-17-221</td>
<td>Endang Kristiawati</td>
<td>Panca Bhakti University</td>
<td>Indonesia</td>
</tr>
<tr>
<td>GIMAR-17-247</td>
<td>Seung Yun Lee</td>
<td>Konkuk University, Seoul</td>
<td>South Korea</td>
</tr>
</tbody>
</table>
DAY 02 Thursday, (February 02, 2017)

“CITY TOUR”

All participants will come by themselves to Hamamatsucho Station at 01:00pm, Tokyo, Japan

Departure: 01:40 pm for City Tour
Drop Back at TKP Conference Centre, Ichigaya, Tokyo, Japan at 6:00 pm

Important Note: This tour is organized by Global Illuminators and entry to this tour is free for all participants. You may also bring your Siblings/Family/Friends but you have to register for them on registration desk on day 1 of conference.
TRACK A: BUSINESS MANAGEMENT & ECONOMIC STUDIES
Exploring the Factors Influencing Business Intelligence System’s Adoption: The Case of Ghanaian Banks

Acheampong Owusu*
Limkokwing University of Creative Technology, Cyberjaya, Malaysia

Abstract

The use of Business Intelligence (BI) systems to gather and analyze every part of an organization’s data, to understand the behavior of their clients for strategic planning and effective decision making is a common phenomenon recently. Yet, very few studies have explored the contextual factors that influence its adoption especially in the developing country’s context. The purpose of this study is to investigate the factors that influence Ghanaian Banks to adopt BI Systems and also determine the extent of their implementation. To achieve this aim, a structural model was developed based on the Diffusion of Innovations Theory, Technology-Organisation-Environment framework, and the Institutional Theory where nine factors were derived and subjected to Structural Equation Modelling (SEM). Data collected from 130 executives were analyzed through Partial Least Squares Structural Equation Modeling (PLS-SEM). The results indicate that Relative Advantage, Complexity, Presence of a Champion, Organisational Readiness, and Regulatory Body are the factors influencing BI System’s adoption in the banks. The findings also point out that most Ghanaian banks have reached a high level in terms of BI Systems’ implementation. A major implication from this study is that organisations should appoint and promote business centric and project champions to spearhead their BI Systems’ implementation effort. Other implications for both theory and practice are also discussed.

Keywords: Business Intelligence Systems, Adoption, Technology-Organisation-Environment framework, Ghanaian Banks, PLS-SEM

*All correspondence related to this article should be directed to Acheampong Owusu, Limkokwing University of Creative Technology, Cyberjaya, Malaysia
Email: owuach@hotmail.com
Interdisciplinarity: An Approach to Bridge the Competencies Divide between Academic Preparation and Job Market's Needs: The Case of Library and Information Science

Naeema H. Jabur*
Sultan Qaboos University, Oman

Abstract

As a human resource expert, Heathfield stated that integrity is a "fundamental value" that employers appreciate in the behavior of their already hired people and seek in the new employees they intend to hire. In this regard, interdisciplinarity is considered as the "process by which ideas, data and information, methods, tools, concepts, and/or theories from two or more disciplines are synthesized, connected, or blended". (About interdisciplinary studies, ND). To add value, the Law Dictionary characterizes interdisciplinarity as a "soundness of moral principle and character". Today's job market becomes more dynamic and need-motivated than ever before. To keep up with dynamicty, interdisciplinary preparations will be the solution. It intends to blend the required education, knowledge and skills to create the appropriate outcome that is aligned with job market needs. The aim of the current study is to focus on the first step leaving the rest for following researches. To achieve that, a qualitative approach was utilized to analyze the components of the advertisements for needed jobs to Information profession in Oman, followed by the content analysis of the Ministry Of Education (MOE) relevant publications to clarify the image of employers to information profession and professionals. The qualitative study assumed that the increasingly blurred image of the profession in the eyes of employers may weaken the appreciation of the profession in achieving goals and adding values.

Keywords: Job Market, Interdisciplinarity, Academic Preparation

*All correspondence related to this article should be directed to Naeema H. Jabur, Sultan Qaboos University, Oman
Email: mnjaburh@hotmail.com
Critical Management Studies how Managers Handle Difficult Decision Making by Avoiding Critical Information

Hertel, Frederik*
Aalborg University, Denmark

Abstract

A large number of IT projects in both public and private sector are being shut down or crashed. This conference paper will not focus on trying to diagnose IT projects, locate problems or evaluate the number of reasons for poor IT projects. Instead it will introduce the result of a case study on one of the many IT-projects failing seriously in order to contribute to theory on decision making. The aim of the research project will be to contribute to theory on decision making by addressing the following question; a) why information about failures does not force decision makers to close underperforming projects?

Keywords: Case-Study, Organization, Critical Management Studies, Decision-Making

*All correspondence related to this article should be directed to Hertel, Frederik, Aalborg University, Denmark
Email: fh@business.aau.dk
The Impact of Competitiveness on the Employability of Philippines Industrial Designers: Streamlining the Program with the International Market

Jayson E. Lannu1*, Mary Florence L. Nobleza2
1,2 De La Salle- College of Saint Benilde, Philippines

Abstract

Industrial Design as a profession seeks to strategically address the industries' needs for aesthetically functional designs through innovation with the ultimate goal of improving quality of life and building business success. Quality of the Industrial Design program and its relevance and applicability to the current trends in design practice has gained not much attention for the past few decades of its existence. The contents of curriculum and core competency - building capacity of institutions to hone future designers may have had too little attention not enough to withstand the competition this profession poses. The research revolved around the competencies’ level of practicing Filipino designers and their employability in the international arena. Technical knowledge, certification or licenses, and relevant experiences were treated as indicators of competencies; on the other hand, their employability was established through their work base, level of work, immediacy of employment and years of practice. These variables were tested to provide a clear grasp of how competencies can influence the ability of designers to be employed in the global market. The results provided remarkable assessments on how designers perceive their level of competencies and have offered a glimpse on how Filipino designers were received globally. It is the thrust of this study to provide academic institutions an anchor for program development to address opportunities identified. Often, we associate competency with employability and equate it as a guarantee for success, however effective learning experience, relevance of program and effective relay of significant knowledge are key to ensure that graduates of the Industrial Design Program are equipped and ready to make their mark in the design industry.

Keywords: Competencies, Employability, Filipino Designers, Industrial Design

*All correspondence related to this article should be directed to Jayson E. Lannu, De La Salle- College of Saint Benilde, Philippines
Email: jayslon.lannu@gmail.com
Motives for Participating in Sharing Economy: Intentions to use Car Sharing Services

Jaehun Joo\textsuperscript{1*}, Matthew Minsuk Shin\textsuperscript{2}
\textsuperscript{1}Dongguk University-Gyeongju, South Korea
\textsuperscript{2}Konkuk University, South Korea

Abstract

This study analyzes the reason why people participate into sharing economy. The empirical study identified the importance of convenience and time savings as determinants of intention to use continuously a car sharing service. Cost savings and social value do not significantly influence the intention to use car sharing service. The present study implies that managers working in sharing economy have not to miss a role of convenience.

Keywords: Sharing Economy, Car Sharing, Collaborative Consumption, Participative Motive

*All correspondence related to this article should be directed to Jaehun Joo, Dongguk University-Gyeongju, South Korea
Email: givej@dongguk.ac.kr
Analysis of Effect of Return on Equity and Debt to Net Worth Ratio of Pay out Ratio in Exchange Member Companies Indonesia for the Earned Income

Ery Niswan\textsuperscript{1*}, Febriati\textsuperscript{2}
\textsuperscript{1,2} University of Panca Bhakti, Pontianak Indonesia

Abstract

In investments, shareholders want dividends as income on capital that is spent into the ownership of shares, and based on observations on the financial statements of the companies in the Indonesian Stock Exchange in 2013 and 2014, there are companies that earn net income, but an additional large retained earnings equal to the amount of net income, which means the company's profit in the year to hold the entire profit and does not divide the dividend, that the publication of the company's financial statements from about 3 to 6 months of next year, meaning that the publication also includes the results of the general meeting of shareholders. In the period of time specified rules, the shareholders are entitled to receive dividends, the problem is that the decisions to divide the dividend are taken by a majority vote, the decision of the majority shareholder could be a dividend but can also delay the payment of the dividend that is retained earnings (plow back) for expansion and thus suspend the right of minority shareholders, as a minority shareholder, it is clearly contrary to their interests, and thus the minority shareholders could take action to withdraw their assets by selling their shares. The purpose of this study was to determine the factors that affect the majority of shareholders in making an informed decision on the dividend policy when the company makes a profit, as the company has the option to pay the dividend portion and retained earnings in part, but any decision taken should have a basic, first, the weighted cost, the weighted cost as a determinant of the level of operating costs, determined by the rate of debt as the company's liabilities for the debts and the return on equity as profit levels required by the owner of shares, to obtain dividends.

Keywords: Payout Ratio, Return on Equity, Debt to Net Worth Ratio, Plowback Ratio, Net Income, Dividends

*All correspondence related to this article should be directed to Ery Niswan, University of Panca Bhakti, Pontianak Indonesia Email: eryniswan.en@gmail.com
Industry Sales Patterns and Asymmetric Cost Behavior

Jeong-Ho Koo¹*, Yeon-Hee Park², Tae-Young Paik³

¹ Kumoh National Institute of Technology, South Korea
² Kongju National University, South Korea
³ Sungkyunkwan University, South Korea

Abstract

This study investigates the influence of sales trend of industries on the cost behavior of their constituent firms. The results of this paper are as follows: First, the behavior of SG&A (Selling, General & Administration) costs is affected by changes in industry sales. That is, SG&A costs of firms are affected negatively when industry sales decrease. The degree of the SG&A costs decrease is smaller when industry sales decrease than when they increase. While SG&A costs of firms are affected positively when the industry sales decrease continuously, it indicates that the firm will decrease costs aggressively due to the influence of a continuous decrease in its industry sales. Secondly, the cost behavior of a firm is affected by the interaction between a temporary decrease in sales and a continuous decrease in sales. That is, cost stickiness is caused by interaction between industry sales temporary decrease and firm sales temporary decrease. Also, cost stickiness is caused by interaction between industry sales continuous decrease and firm sales temporary decrease. The relative magnitude of a cost decrease is different depending on the interaction between temporary decrease and continuous decrease. The degree of a cost decrease is smaller when both industry and firm sales temporarily decrease than when industry sales continuously decrease and firm sales temporarily decrease. The degree of a cost decrease is smaller when both industry and firm sales temporarily decrease than when both industry and firm sales continuously decrease. Finally, the degree of a cost decrease is smaller when industry sales continuously decrease and firm sales temporarily decrease than when both industry and firm sales continuously decrease.

Keywords: Asymmetric Cost Behavior, Industry Sales Trend, Interaction Effect

*All correspondence related to this article should be directed to Jeong-Ho Koo, Kumoh National Institute of Technology, South Korea
Email: jhk2001@kumoh.ac.kr
Affecting Compliant with the Willingness to Pay Tax as an Intervening Variable Factors (Studies on the Taxpayer Owner of SMEs in Pontianak KPP)

Widyastuti Reni Dwi1*, Wulandari Renny2
1,2 Universitas Panca Bhakti, Indonesia

Abstract

This research is based on the way of Government in giving facilitation to people regarding the implementation of tax obligation by establishing Government Regulation No. 46 2013. This research is purposed to explain influence variables of awareness tax, understanding of tax, Self-Assessment System and the willingness a Tax Payer is significant, but Socialization does not significantly influence the taxpayers’ compliance. Research method used is the disexplanatory research with quantitative approach. Data collection method by using questionnaire for 100 (Micro, Small and Medium Enterprise) MSME owners who are registered in tax office pratama Pontianak, West Kalimantan. Using descriptive analysis and multiple linear regression helped by SPSS software version 23, this study showed that the variable Awareness of Tax, tax understanding, Self-Assessment System and the willingness to pay tax have significant effect on tax compliance in meeting their tax obligations amounting to 62.6%. The remaining portion of 37.8% is explained by other variables. Awareness of taxpayers to compliant tax with willingness to pay tax has effect 23.8%. But awareness does not affect directly the Taxpayer Compliance variables for their willingness to pay taxes. With the awareness of taxpayers without the support of influential willingness of 22.8%. This happens because the taxpayers conscious to comply with their tax obligations would automatically pay the tax obligations. Effect of Understanding the WP compliance with the willingness to pay taxes as an intervening variable has effect 24.6%. Self-Assessment sytem to tax compliance with the willingness to pay taxes as an intervening variable has effect 30.1% and Socialization does not significantly influence tax payers’ compliance.

Keywords: Awareness of Tax, Understanding Taxpayers, Self-Assessment System, The willingness and Taxpayer Compliance

*All correspondence related to this article should be directed to Widyastuti Reni Dwi, Universitas Panca Bhakti
Email: reni.d.widyastuti@gmail.com
The Influence of Investment Decision, Financing Decision, Dividend Policy and Company Size on the Firm Value

Risal¹, Kristiawati, Endang²*
¹,² Universitas Panca Bhakti, Indonesia

Abstract

This research tests the effect of the investment decisions, financing decisions, dividend policy and the company size on the firm value, using a data set consisting of 116 manufacturing companies listed in Indonesian Stock Exchange. Population of this research is listed public companies at Indonesian Stock Exchange with manufacturing companies as sample. Sampling method used in this research is purposive sampling. Hypothesis test uses multiple regression analysis. The results showed that financing decision positively affects the firm value with beta coefficient of 0.187 and the level of significance is 0.000; the dividend policy positively affects the firm value with beta coefficient of 0.108 and its level of significance is 0.007; and the company size positively affects the firm value with beta coefficient of 0.171 and its level of significance is 0.000; while the investment decision does not affect the firm value.

Keywords: Investment Decision, Financing Decision, Dividend Policy, Company Size, Firm Value

*All correspondence related to this article should be directed to Kristiawati, Endang. Universitas Panca Bhakti, Indonesia
Email: ichal_mks04@yahoo.com
Existence of Local Market to the Rapid Growth of Modern Shopping Centers

Nurfitriawati*
Universitas Panca Bhakti, Indonesia

Abstract

The rapid growth of the population demands needs of markets both in quantity and quality. On the other hand, the presence of the local markets and modern shopping centers is a manifestation of community rights in the trade sector. They should be given opportunities to develop their business in order to improve the welfare and the growth of the local economy. The rampant growth of modern shopping centers is resulting in the downfall and displacement of the local markets. Thus, it is required that the local regulations governing the management of the local markets and modern shopping centers should be there.

Keywords: Local Market, Modern Shopping Center, Management

*All correspondence related to this article should be directed to Nurfitriawati, Universitas Panca Bhakti, Indonesia
Email: notarissnurfitriawati@gmail.com
The Effect of Venture Capitalists on Ipo Firms

Ruei-Shian Wu, Huai-Chun Lo, Ruei-Yu Wu
1.2 Yuan Ze University, Taiwan
3 Hwa Hsia University of Technology, Taiwan

Abstract

This study investigates whether venture capital affects the probability of earnings management by initial public offering (IPO) firms. Prior studies suggest that managers of IPO firms motivated by self-interest may exploit information asymmetry and conduct accrual-based and/or real-activity earnings management to achieve their goals especially when firms go public. Moreover, going public usually requires capital, and venture capital is one of the main sources of funding. Building on the prior research, this study examines whether venture capitalist support affects the probability of earnings management of IPO firms through real activity and/or accrual-based manipulation. Our empirical findings suggest that venture capitalists mitigate the conflict of interest from agency problems and thus restrain accrual-based earnings management. However, venture capitalists do not restrain all types of real earnings management by IPO firms. The IPO firms backing by venture capital has a negative influence on long-term operating performance when the firms engage in real earnings management. We further investigate the effect of earnings management on the financial health of the IPO firms and find that the financial health of IPO firms is jeopardized only when these firms experience both financial constraints and engage in real earnings management of abnormal production costs.

Keywords: Initial Public Offering (IPO), Earnings Management, Venture capital

*All correspondence related to this article should be directed to Ruei-Yu Wu, Hwa Hsia University of Technology, Taiwan
Email: fish@cc.hwh.edu.tw
TRACK B: SOCIAL SCIENCES & HUMANITIES
The Ideological Deadlock of the European Refugee Crisis

Martin Moelholm*
Aalborg University, Denmark

Abstract

This paper is written in connection to the EU-funded, trans-European research project ‘Between the Representation of the Crisis and the Crisis of Representation’, which aims at understanding the change of identity within the European societies in a post-crisis scenario, because social identities moderate the impact of policies. Since the middle of 2015, the European community has been struggling to find political solutions to what has come to be known as ‘the refugee crisis’. As tens of thousands of refugees from primarily Syria began crossing the Mediterranean Sea in frail boats in sinking conditions, often organized by human traffickers, and entering Europe either at the Greek island Lespos or the Italian island Lampedusa, and as pictures of some of the thousands of refugees who drowned in the attempt started showing up in papers and in the TV News, the pressure on the national and European politicians increased. Drawing on the works of among others Michel Foucault, Gilles Deleuze, Reiner Keller, Norman Fairclough and Zygmunt Bauman, this paper will describe the formation of the discourse and the constitution of the dispositif on the refugee crisis, in order to uncover the mechanisms and procedures regulating the handling of the crisis in Denmark. What understandings, perceptions, opinions, norms and values (symbolic universe) do the discourse imbue the individual with, and which actions do as a result hereof become meaningful, and thus more likely than others? As an example: What were the mechanisms which, for a short period of time, when thousands of refugees in September 2015 were allowed to enter Denmark without being registered by the Danish authorities, were able to suspend what is otherwise considered to be one of the most reliable, stable and indispensable elements of a range of dispositifs, namely the national legislation – in this case, The Danish Visa Executive Order?

Keywords: Refugee-Crisis, Discourse, Dispositif, Ideology, Foucault

*All correspondence related to this article should be directed to Martin Moelholm, Aalborg University, Denmark
Email: mam@hum.aau.dk
Level of Contributions of Faculty Members in Sultan Qaboos University, in the Research Gate Network: Descriptive Analytical Study

Sabah Kallow*
Sultan Qaboos University, Oman

Abstract

Research Gate is a social networking site for scientists and researchers to share papers, ask and answer questions, and find for collaborators. It was founded in 2008 by the (Ijad Madisch, Sören Hofmayer, Horst Fickenscher); and of 2016, Research Gate claims to have more than 9 million users; the largest number of users for this base is coming from Europe and North America; and most of Research gate's users are involved in the fields of medicine or biology, though it also has participants from engineering, computer science, agricultural sciences, and psychology, among others. This study aims to highlight on the level of contributions by the researchers of SQU, who are faculty members and postgraduate students. The study community consists of (2404) members, who contributed in (3149) papers, in various disciplines published in Research Gate Network. The Qualitative methodology has been adopted to describe and analyze the content of these contributions, to achieve the objectives of the study and get indicators that reflect the nature and types of these contributions. The study finds a number of important results that reflect the level of use by faculty members of SQU including: College of Medicine achieved (1117) papers, percentage (35.47%), which published on Research Gate network. College of Science achieved (577) contributions, percentage (24%), which is the highest rate of use of the Research Gate network. The highest rate of publication types published in research Gate, were conferences papers, percentage of (33%) and journal articles percentage of (31%), percentage (48%) of members, most of them postgraduate students, used property "Questions". SQU achieved score "11.390.94" of RG, which means measure of reputation and impact based on how a researcher’s work is received by their peers.

Keywords: Contributions, Descriptive Study, Gate Network

*All correspondence related to this article should be directed to Sabah Kallow, Sultan Qaboos University, Oman
Email: Sabahkallow@yahoo.com
A Study on Learning Achievement of Integrated Songs of Chinese History Dynasties into Chinese Language Teaching at Third Grade in Junior College

An-An, Wu*
Hsin Sheng Junior College of Medical Care and Management, Taiwan

Abstract

The purpose of this study was to investigate whether interdisciplinary areas students’ learning achievement might affect their learning outcomes on integrated songs into Chinese language teaching. It is inevitable to memory and recites in the field of language education, because for most of the students, memory ability is related with learning achievement. Therefore, we try to integrate songs to facilitate students remember about Chinese history dynasties. Songs’ instruction was implemented in second semester of 2014. Eighty five-year Junior College students from nursing and applied Japanese language students participated in this experiment. Pre and post test was conducted before one week and after two weeks of integrating songs teaching. This approach can deepen students’ impression; strengthen their memory in Chinese language class. Take an ancient Chinese dynasty’s order as example. Teaching procedures introduce as follows: First, pre-test is conducted before teacher teaching Chinese dynasties’ order in class; second, teacher gives guidance about Chinese dynasties’ songs on the Internet for students; third, two weeks later, post-test is held on for students and students need to write down the ancient Chinese dynasties’ order. Result shows that both nursing and applied Japanese language students’ learning achievement has significant difference after integrated songs’ teaching. Regarding interdisciplinary areas’ learning difference, no significant difference was found. It is concluded that integrated songs’ teaching strategy can improve students’ learning achievement; however, no significant difference was found on nursing and applied Japanese language students.

Keywords: Chinese History Dynasties, Chinese Language Teaching, Junior College Students, Learning Achievement

*All correspondence related to this article should be directed to An-An, Wu, Hsin Sheng Junior College of Medical Care and Management, Taiwan
Email: anwu09@gmail.com
The Return of Magical Thinking: Application to the Case of New Foods

Max Poulain\textsuperscript{1*}, Fanny Parise\textsuperscript{2}, Olivier Badot\textsuperscript{3}

\textsuperscript{1,2,3} Université de Caen, France

Abstract

The postmodern consumer is seeking meaning in his daily life and raises consumer products to the status of liturgical objects while reinventing his way of life and his relationship to the world. Consumer goods become agents of daily life, referring us back to the principle of transubstantiation. The emergence of new forms of commitment to food leads to the identification of a plurality of beliefs in the hope of a better life. The current context makes ultra-visible the myths that participate in fashioning individuals’ mode of consumption, playing a reassuring role through the development of a normative heterotopic framework. Following a principle of incorporation, the spiritual dimension of the so-called “living” diet enables the individual to regain power over himself and over society. Consumers’ increasing interest in the field of spirituality leads us to establish a framework that considers a double respiration made of meaning and experience. The consumer thus seeks to make his new quest concrete through objects that have the capacity to provide, in one form or another, what we might qualify as “spiritual experience”.

Keywords: Spirituality, Consumption, Transubstantiation, Mystical Winepress, Emotion, Meaning

*All correspondence related to this article should be directed to Poulain, Université de Caen, France
Email: max.poulain@unicaen.fr
The Theme “Leyli and Majnun”, The Ancient Legend of the East in the Cognominal Symphonic Poem of Great Composer Garagarayev (on Specific and Non – Specific Content)

Vusala Amirbayova*
Sultan Qaboos University, Oman

Abstract

The science of modern musicology, based on the achievements of a number of neighboring science fields, has more deeply penetrated into the sphere of artistic content of the art of music and developed a new scientific methodology, methods and approaches for a comprehensive study of the problem. In this regard, a new theory developed by the famous Russian musician-scientist, professor V. Kholopova – the specific and non-specific content of music – draws the attention with his different philosophical foundation and covers historical periods of the art of composing. The theme “Leyli and Majnun” was developed by many poets as one of the ancient legends of the East and each artist was able to give a unique artistic interpretation of the work. This literary source was successfully developed in cognominal opera of great U. Hajibeyli in Azerbaijani music and its embodiment with symphonic means required great skill and courage from Gara Garayev (young). Unlike opera, as there is the opportunity to show the plot of “Leyli and Majnun” in the symphonic poem, the composer achieved to reflect the main purpose of its idea convincingly with pure musical means, and created a great work with tragic spirit having a great emotional impact. Gara Garayev said about this work: “My most sublime goal and desire is to explain the literary issue that love endures to all obstacles and overcomes even death”. The artistic solution of one – part poem addressed to a specific structural version of the form of sonata which is characteristic for this genre. Only secondary theme is given in new tune in the template of the form starting with the prelude and the first of main themes is reduced. In addition, specific structure and development principles of thematic material, composer’s different style, of course, affected on specific and non – specific music theme of the work.

Keywords: Machiavellianism, Shakespeare, England

*All correspondence related to this article should be directed to Vusala Amirbayova, Sultan Qaboos University, Oman
Email: pianist_vusale@mail.ru
Study on the Adaptability of Public Utilities Design - A Case of “Integration & Harmony” Utilities

Wei XU*
Nanjing University of Science & Technology, China

Abstract

As China has become a country with a large population of elders, a society full of elders is already at the threshold. To get fully prepared for this situation, the future development of the accommodation of living environment for elders shall be adaptable to the variations in society and life. This paper starts from the perspectives of architectonics, sociology and psychology for the discussion regarding the adaptability to the progressively decreasing physical and mental functioning of elders. With the analysis of the group types of elders, this paper explores the current and future designs of sustainable development that are adaptable to elder generation as well as their fundamental components. The three research purposes are shown below: Gain an understanding of the contents and venues for elders' leisure activities, and analyze their activity fields; Explore the positive and negative impacts of public facilities' setup and morphological connotations on the behavior and psychology of the elders; Analyze the components of elders' needs from multiple perspectives like "providing for the elders", "adaptable to the elders" and "entertaining the elders". It can be concluded from the research results that: The designers of public facilities not only require "genius creativity", but also need the attitude of "service design", especially when confronted with the research on environment adaptability to elders; Proper setup of public facilities and their spatial areas can serve as a very important platform, which is able to bring together elders with common interests, produce deep ties and value orientation and facilitate the formation of new social network; "Positive aging" shall comprehensively consider the elders' multidimensional needs, and cultural destination and spiritual identity should not be ignored; The Government shall introduce policies at proper times to provide spiritual nutrients for the elders.

Keywords: Public Facilities, Adaptability to Elders, Affective Commitment, Components

*All correspondence related to this article should be directed to Wei XU, Nanjing University of Science & Technology, China
Email: 13851487758@163.com
Alignments of the Regional Regulations toward Marginalized Society: A Study of Regulation on the Economic, Social and Cultural Rights in West Kalimantan Province

Rahmad Satria *
Universitas Panca Bhakti Pontianak, Indonesia

Abstract

This study aimed to assess and evaluate alignments of the regional regulations toward the fulfillment of the economic, social and cultural rights of the marginalized society in West Kalimantan. The concept of “building from the fringe” of the government policies has made a spirit on a development paradigm that is no longer planned only from the top (top-down). Bottom-up concept has become so promising to be implemented in the efforts of the state in creating welfare of its people. Unfortunately, responsivity of the government programs is not fully supported by the regional government through the existing regional regulations. In consequence, it is necessary to present an ideal model of building the regional regulations that take a part of the interests of society with no exception for the marginalized society.

Keywords: Regional Regulations, Marginalized Society, West Kalimantan

*All correspondence related to this article should be directed to Rahmad Satria, Universitas Panca Bhakti Pontianak, Indonesia
Email: rahmadsatria69@gmail.com
Design and Development of Automation System of Business Processes in Educational Activity

Kulanda Duisebekova¹, Vassiliy Serbin², Galiya Ukubasova³, Zhaniya Kebekpayeva⁴, Skakova Aigul⁵, Sabina Rakhmetulayeva⁶, Aigul Shaikhanova⁷, Turar Duisebekov⁸, Dinara Kozhamzharova⁹*

¹,²,⁶,⁸,⁹ International Information Technology University, Almaty, Kazakhstan
³,⁴,⁵ Narxoz University, Almaty, Kazakhstan
⁷ Semey State University named after Shakarim, Semey, Kazakhstan

Abstract

This article sets the creation of effective electronic document flow model and its introduction into an educational institution as its main objectives. Modern computing tools and document flow automation according to the rational organization of work are being used in the process. Methods of system, structural and functional analysis, comparison, analysis and synthesis, modeling and design were all used as the main methods. It is expected to develop a database to work with the proposed system in this article and organize the protection of personal data. For this purpose, we will use methods of relational algebra and block chain technology.

Keywords: System Analysis, Functional Analysis, Comparison Analysis, Synthesis, Modeling of Business Processes

*All correspondence related to this article should be directed to Dinara Kozhamzharova, International Information Technology University, Almaty, Kazakhstan
Email: dkulan1@mail.ru, dinara887@gmail.com
The Effect of Transactional and Transformational Leadership on Individual Lecturers’ Job Satisfaction and Individual Lecturers’ Task Performance in Panca Bhakti University, Pontianak

Mursalin, Adi\textsuperscript{1*}, Aisyah\textsuperscript{2}

University of Panca Bhakti, Pontianak Indonesia

Abstract

Development of a service industry in education not only promotes the quality, timeliness and quality of service, but also requires the appropriate management of human resources. This can be improved by considering factors such as transactional and transformational leadership, and work satisfaction. This paper aims to explain the effect of transactional and transformational leadership, and work satisfaction on the lecturers’ performance in Panca Bhakti University in Pontianak. The population used in this study is all individual lecturers of Panca Bhakti University in Pontianak, amounting to 50 people. The sampling technique used is Purposive sampling. The study findings are that transformational leadership influences the lecturer’s work satisfaction and lecturer’s task performance positively, and the work satisfaction has a positive effect on the lecturers’ performance in Panca Bhakti University Pontianak. But the transactional leadership does not have an influence on the lecturer’s work satisfaction and lecturer’s task performance. Our findings may help the management of Panca Bhakti University design and implement intervention and program policies for the management of transactional leadership, the transformational leadership, and job satisfaction of the individual lecturers, not only for the sake of improving the lecturers’ work performance but also for improving their well-being at work.

Keywords: Transformational Leadership Style, transactional leadership, work satisfaction, and task performance

*All correspondence related to this article should be directed to Adi Mursalin, Panca Bhakti University Pontianak, Indonesia
Email: adimursalin2766@gmail.com
Local Act Draft Model on Development, Control and Telecommunication Tower Supervision

Charlyna S. Purba*
Universitas Panca Bhakti, Indonesia

Abstract

The purpose of the study is to formulate legal issue related to development, control and telecommunication tower supervision in order to provide legal certainty in telecommunication tower construction. Research finding is a Local Act Draft Model on Development, Control and Telecommunication Tower Supervision through normative /dogmatic legal research with collecting and compiling, assessment and analysis by undertaking an intensive discussion among team members by Focus Group Discussion (FGD) to find the feasibility materials and information. The study implication is a consideration and basic object for policy makers both Local Government or Local Legislative Assembly to establish a Local Act Draft on Development, Control and Telecommunication Tower Supervision by enriching the localized substance which represents communities’ legal need.

Keywords: Model, Local Act Draft, Development, Control and Tower Establishment Supervision

*All correspondence related to this article should be directed to Charlyna S. Purba, Panca Bhakti University Pontianak, Indonesia
Email: charlyna.purba@gmail.com
Response Analysis and Strategy To Movement National Rehabilitate Forest and Farm (GERHAN) at Pontianak Regency

Zulfahmi\textsuperscript{1*}, M. Zalviwan\textsuperscript{2}

\textsuperscript{1,2} University of Panca Bhakti, Pontianak Indonesia

Abstract

Development of forestries has strategic role looked into from economic, environment and social aspects. This role expected can give maximum benefit to prosperity of society. Management of Rehabilitate Forest and Farm at Pontianak Regency has to have strong base that can stay and grow to continue self-supportingly mounted field. This matters for the purpose of exploiting Rehabilitate Forest and Farm that requires considering the condition of economic social society with concerned direct profiting, especially for all perpetrators concerned with it. From above mentioned problems and fact hence very needed analysis to determine strategy execution of Movement National Rehabilitate Forest and Farm (GERHAN) at Pontianak Regency is by paying attention to strength, weakness, opportunity and threat existing in Pontianak Regency. To know society’s response to Movement National Rehabilitate Forest and Farm (GERHAN) at Pontianak Regency. To know strategy execution of Movement National Rehabilitate Forest and Farm (GERHAN) at Pontianak Regency. The result of research indicates that factor clarity of target, quality of Extension agent employee, items substansi and also society participation, in general get good response of responder in execution of activity of Movement National Rehabilitate Forest and Farm (GERHAN) Sub-Provincial of Pontianak. While strategy execution of GERHAN can SO Strategy, ST Strategy, WT Strategy and of WO Strategy of pursuant to strength, opportunity, weakness and threat.

Keywords: Response, Gerhan, Forestry

\textsuperscript{*}All correspondence related to this article should be directed to Zulfahmi, University of Panca Bhakti, Pontianak Indonesia
Email: zulfahmi@yahoo.co.id
Contemporary Processes of Lexical Innovations in English

Aigul Bizhkenova¹, Assel Koshekova²*, Sagima Sultanbekova³
¹,²,³ Eurasional National University, Astana, Kazakhstan

Abstract

The main idea of this research is to define the modern processes of English word-formation and to highlight the most productive word-formative types of lexical innovations. A huge amount of information about neologisms in English is available now, but much less is known about lexical innovation. An important unsettled issue is the frame of lexical innovation and its word-formative potential. In this regard it is of interest that the tendencies of word-formative types can be changing due to the changes of technical, social and political sides of human life. It is tempting to consider the word-formative types in view of new data on neologisms. During our research the following methods were used: classification, multiple-factor analysis, word-formative analysis and corpus verification. According to the results of our research, it can be noticed that the tendency to use words based on blending is growing up day by day. Affixation and composition as word-building means are on the same level and still widespread. The English language, accordingly, was offered on pedestal of “international language” and any state claiming to be among the leaders in the world’s business should accept and use information in English. The popularity of English as the main language of international communication is an indisputable fact. Language expansion due to active entering of social, cultural, economic and political reals into daily life reflects the great number of loan words from English into other languages. Word formative processes in English have a great influence on grammar and lexical layers of many languages.

Keywords: Contemporary, Innovation, English

*All correspondence related to this article should be directed to Assel Koshekova, Eurasional National University, Astana, Kazakhstan
Email: aselasel_91@mail.ru
Suspension Training is More Effective Than Swiss Ball Training on the Core Stability in Female Junior Badminton Players

Hsuan-Chun Tsai¹*, Tzai-Li Li²
¹,² National Taiwan Sport University, Taiwan

Abstract

Pervious studies indicated that core training may effectively enhance agility, jumping power and core stability, which was affected by the training intensity, duration, and manner. Thus, this study was aimed to compare the effects of suspension training and Swiss Ball training on the core stability, agility and jumping power in female junior badminton players. Twenty-five female junior badminton players were recruited as the participants of this study, who were designated by matching to suspension training group (STG, n = 12, age 15.0±1.4yrs, height 159.96±7.10cm, weight 51.17±7.69kg) and Swiss Ball group (SBG, n = 13, age 14.9±1.5yrs, height 161.77±5.93cm, weight 51.62±6.49kg) according to the pre-training performance of core stability. The training programs of both groups included 6 activities of core muscles, 40 minutes, and 3 times a week for 6 weeks. Data were analyzed using mixed design two-way ANOVA. Significant difference was set at α = .05. The results showed both groups performed significantly better in core stability at post-training (STG 6.42±0.67o vs. SBG 5.69±0.95o) than those at pre-training (STG 5.17±0.39o vs. SBG 5.15±0.55o) and the value in STG at post-training was significantly better than that in SBG. The jumping power at post-training (39.96±3.84cm) was significantly higher than that at pre-training (36.69±3.78cm) in STG. No significant differences between STG and SBG were found in agility. The findings of the study suggest that suspension training is more effective on the core stability in female junior badminton players compared with Swiss Ball training.

Keywords: Core Muscles, Agility, Jumping Power

*All correspondence related to this article should be directed to Hsuan-Chun Tsai, National Taiwan Sport University
Email: hsuanchun1977@hotmail.com
Specific Fitness Performance of Female Junior Badminton Players in Single and Doubles

Hsuan-Chun Tsai¹, Li-Chin Chen², Chang-Tsang Yeh³, Tzai-Li Li⁴, Wei-Chin Hong⁵

¹,⁴ National Taiwan Sport University, Taiwan
² National Taiwan University of Science and Technology, Taiwan
³,⁵ National Chiayi University, Taiwan

Abstract

This Research indirectly related to the training of athletes’ specific fitness performance as well. Therefore, the aim of this research is to explore the differences in specific fitness between single and double women's badminton athletes. Method: Recruit 39 juvenile female badminton players as this research’s participants. According to individual badminton expertise divided into women's singles group (WSG, n = 15, age 15.3±1.3 yrs, height 161.77±5.79 cm, weight 52.33±5.79 kg) and women's doubles group (WDG, n = 24, age 15.0±1.4 yrs, height 160.88±6.58cm, weight 52.42±6.97kg). Both groups’ specific fitness tests included agility of steps in four corners of badminton court, left-right shuttle run, left-right shuttle run with chasse step; Vertical jump related to lower limbs power, 20 meters speed sprint, and 3000 meters endurance performance. Data were analyzed using t-test. Significant difference was set at α = .05. Result: Research shows that the group of women’s singles is obvious excellent than women's doubles in quartet run (WSG 16.25±0.80s vs. WDG 17.03±0.96s), left and right shuttle carrying (WSG 32.52±0.75s vs. WDG 33.39±1.13s), speed (WSG 4.16±0.23s vs. WDG 4.47±0.33s) and endurance (WSG 819.80±15.22s vs. WDG 844.83±34.10s). But we found that there is no notable difference between these two groups in jumping power (WSG 37.27±3.06cm vs. WDG 38.29±3.95cm) and Left-right shuttle run with left-right chasse step (WSG 45.35±2.22s vs. WDG 46.31±2.19s). Conclusion: Research shows that performance of female badminton player’s specific fitness is related to different specialized items. We suggest that badminton specific fitness training should be revised and re-planned according to specialized items.

Keywords: Agility, Jumping Power, Endurance

*All correspondence related to this article should be directed to Wei-Chin Hong, National Chiayi University, Taiwan
Email: indy@mail.ncyu.edu.tw
Remission for the Corruptor (Between the Human Right and the Spirit for Eradication of Corruption)

Henny Damaryanti¹*, Hendrik², Anurdi³
¹,²,³ Panca Bhakti University, Indonesia

Abstract

Corruption as a crime can make negative effects for many people, so that the policies to give remission to corruptor make debate in community. This research type is normative juridical research, and the data used for this research are some legislations, documents and books related to corruption and remission. The result of this research revealed that the remission for corruptor just given if they can fulfill the terms based on the rules such as legislation and policies from the government, and that remission is not a gift for the corruptor, for example they should help to expose the corruption case that is related with his case.

Keywords: Remission, Corruptor, Corruption

*All correspondence related to this article should be directed to Anurdi, Panca Bhakti University, Indonesia
Email: nurdi.recht@gmail.com
The Urgency of Local Public Policy Pontianak in Embodying Legal Protection Against Teacher

Yenny AS\textsuperscript{1*}, Charlyna S. Purba\textsuperscript{2}

\textsuperscript{1,2}, Panca Bhakti University, Indonesia

Abstract

Teacher as one of the most important figures in the education world, in reality is still not getting the protection, especially optimal legal protection from the government, which the empirical fact shows that there were "criminalizations" of teachers in performing their duties profession. The obligation to provide teachers with legal protection in performing their professional duties, is especially put on the government, both central and local government. It starts through the providing of teachers’ legal protection. Although law and the Government Regulation have been published, but substantively, the law is still unable to provide comprehensive legal protection to the teacher, so for that Pontianak City Local Act Draft presence will be legal protection for Local Government to take policy measures of crucial legal protection for teachers. Local Act Draft substance is expected to accommodate the values and ideals of law contained in the legal principles of legal certainty, will provide benefit to Local Government, community and private and create a sense of justice that embraces the truth, not biased, impartial and not arbitrary.

Keywords: Urgency, Local Public Policy, Legal Protection, Teacher

*All correspondence related to this article should be directed to Yenny AS, Panca Bhakti University
Email: yenny.upb@gmail.com
Corporate Crime (Criminal Liability for the Corporate)

Annurdi*
Panca Bhakti University, Indonesia

Abstract

Crime as a phenomenon that exists in society increasing in accordance with the development of human life, in traditional or conventional crime has been done by humans, but in this era a crime can also be done by a corporate. It made debate about the criminal responsibility of the limited liability company. This research type is normative juridical research, and the data used for this research are some legislations, documents and books related to corporate and criminal law. The result of this research revealed that a corporation can be requested the responsibility for the crimes that have been done by the doctrine of vicarious criminal liability, and it is also supported by the legislation that confirms the corporation as a legal subject which may be requested criminal liability.

Keywords: Corporate Crime, Criminal Liability

*All correspondence related to this article should be directed to Annurdi, Panca Bhakti University
Email: nurdi.recht@gmail.com
Providing Legal Aid for Poor Community in the Rural Area

Purwanto¹*, Charlyna S. Purba²
¹,² Panca Bhakti University, Indonesia

Abstract

Providing legal aid for poor community is an embodiment of constitutional rights. It is the responsibility of central government and local government, as stakeholders, to fulfill it. Through a socio-legal approach, this study found the insignificance of legal aid for poor community in the rural area. One of the factors was the lack of local regulations which specifically govern legal aid for the poor community. Moreover, there was still a perception that the legal aid authority belonged to the central government. In order to optimize the exercise of legal aid for the poor community in the rural area, a synergy between the central government and local government through the local vertical institutions is needed.

Keywords: Rights, Legal Aid, Poor Community

*All correspondence related to this article should be directed to Purwanto, Panca Bhakti University
Email: purwantoupb@gmail.com
Participative Class Action Judicial Proceeding and Social Networks

Fabrício Veiga Costa¹, Juliana Maria Matos Ferreira², Reginaldo Gonçalves Gomes³, Vicente de Paula Maciel Junior⁴
¹,²,³,⁴ PUC - Pontifícia Universidade Católica de Minas Geria, Brazil

Abstract

The general objective of the present scientific research is to study the participatory model as a parameter to the understanding of the collective process in the Democratic State of Law, in order to demonstrate that the wide discursiveness and participation of diffused and collective stakeholders in the construction of the final provision are elements that democratically legitimize the content of the issues dialectically decided by all those involved in the procedural framework. Specifically, it is intended to investigate the role of social networks as a space used to enable the broad participation of diffused and collective stakeholders in the construction of the final decision, in order to guarantee the democratic legitimacy of the final provision. The elaboration of a broad reflection about the judicial process which has as an objective the protection of the diffused interested parties and the overcoming of obstacles of a representative proceeding model through the implementation of a participative pattern which uses the social networks are the main issues of this work proposal. The current class procedural technique is in counterpoint with the prevalence of the Democratic Constitutions which attempt to guarantee free access to Justice by the petition of rights granted to all citizens.

Keywords:

*All correspondence related to this article should be directed to Juliana Maria Matos Ferreira, juliana.ferreira@estacio.br
Email: juliana.ferreira@estacio.br

A Forecast of the Promising Technologies in IoT-based U-Health Industry

Sawng, Yeong-Wha¹, Lee, Sangjic², Na, Won-Jun³, Kim, Hyeonwoo*⁴

¹Konkuk University, Korea
²,³,⁴Graduate School of Konkuk University, Korea

Abstract

The convergence of information and communications technology (ICT) and healthcare activities has contributed decisively to the development of U-Health products, services and their producers, and the industry is one of those that are most vigorously combining with the Internet of Things (IoT) technology. Especially, studies that base on empirical evidence such as the patent data and provide beneficial prospects and directions for the industry are rare. In this paper, the forecasting of promising technologies for the IoT-based U-Health industry is conducted by implementing the quantitative method of network analysis and the qualitative trend analysis. As a result, five technology fields are predicted as encouraging, namely 1) modules for controlling, transmitting, receiving and communicating individual user records, 2) devices and interface for creating, perceiving and managing health condition and place information, 3) image monitoring and detecting system consisting of computer networks, 4) storage, recognition and processing of biological signals via wearable devices with built-in sensors, 5) remote-controlled systems for tracing health status and activities of individual patients. The advantages of this study are that it utilized both quantitative and qualitative research methods to complement the weakness of each, and that the result of the forecast offers implications to the strategy formulation of companies and other entities in the converging industry with large technological and managerial uncertainties.

Keywords: Internet of Things-based Ubiquitous Health, forecasting of promising technologies, patent data, network analysis, trend analysis

*All correspondence related to this article should be directed to Kim, Hyeonwoo, Graduate School of Konkuk University, Korea
Email: assistantkhw@naver.com
The Precarity of Memories: Affective Resonance in the Performance of Violence and Peace in the Basque Country of Spain

Guevara, Alberto*
York University, Toronto, Ontario, Canada

Abstract

This paper explores the polarizing and perilous effects/affects of the performance of remembering victims of terrorism and state violence in the Basque country of Spain. It pays particular attention to the distance between the acts of atrocity, affliction and violence experienced in the country and their representations through public performances and art. The paper draws on two opposite narratives produced by two politically opposed groups - those who are the victims of state terror, and those who are the victims of ETA violence. These opposite political groups strongly believe that the responsibility for most of the suffering and violence rest with the other. Their polarizing narratives refuse to acknowledge each other’s victims as they memorialize their dead in their own ways. Moreover, their truth claims are further complicated by additional performances of remembrance that seek to establish an agreed upon “truth” of embodied knowledge accessible to all the parts in the conflict (ETA Left-wing separatists, centrist nationalists, Spanish government, and the general public of the Basque region). In a society where the remembrance of victims of “terrorism” is a contested territory, the representation of memories in public has become a source of much controversy and danger especially for those who remember the victims of state terrorism.

Keywords: Performance Studies, Violence, Peace, Basque Country

*All correspondence related to this article should be directed to Guevara, Alberto, York University, Toronto, Ontario, Canada
Email: aguevarayorku.ca@gmail.com
Political Network Can More Influential than Other Networks for Economic Awareness – A Case Study of Nepalese Village

Lohani Subhash Prasad*
Toyo University, Japan

Abstract

The main aim of this study will focus to investigate the strength and weakness of existing organized and unorganized social and political networks, as a collective or inclusive community characteristics, and economic activity in the rural Nepal, whereas huge social imbalances and low literacy rate and poor economic conditions are still in existing. Achieving of this goal, firstly this study find out existing social and political networks of a pilot village “Harinagar” eastern part of Nepal and then performance for building the strong cooperative society, circulating information among heterogeneous people and encourage them for being economically active. And using rural household data, this study introduce that as huge amount of population have been influenced by political parties in the almost of the rural areas of Nepal, means much more citizens connectivity in political network than other existing social networks. Even various thoughts, ethnic and religious ideologies differ within regional and national political parties, this study will prove that, after awareness and intervention in the present social and political networks, people will be able to solve the local problems themselves and make direct involvement towards the village’s economic awareness and its activities and political networks will be proved as more influential than other social networks.

Keywords: Economy, Political Network, and Social Network

*All correspondence related to this article should be directed to Lohani Subhash Prasad, Toyo University, Japan. Email: lohani1017@hotmail.co.jp
TRACK C: HEALTH AND MEDICINE SCIENCES
The Effect of Food Safety Instruction for High and Low Achievement Junior College Students Through Video-based Multimedia Instruction

Kai-Ping, Wang*
Hsin Sheng Junior College of Medical Care and Management, Taiwan (R.O.C.), Taiwan

Abstract

The purpose of this study was to investigate whether students’ learning achievement might affect their learning outcomes on food safety issues. 110 freshmen from two classes of five-year junior college in northern Taiwan participated in this study. Purposive Sampling method was adopted and students grouped themselves by friendships, each group contained 4 to 5 students. Learning topic comes from the movie “Food, Inc.”, which was produced by Dogwoof Films in 2008. Data were collected through group discussion papers after seeing the video, and carried out deferring test for each student after two weeks. Pre-experimental design of static-group comparison method was adopted in this study, students were allocated to high level achievement group and low level achievement group by current year’s academic achievement and all of them were accepting video-based multimedia instruction. To distinguish the level of grouping, top 27% and last 27% of academic achievement was allocate to high level achievement and low level achievement. Results reveal that each groups’ students have significant difference in food safety comprehension between pre-test and post-test. Regarding comparison between both groups, high level achievement students have significant difference than low level achievement students. It indicates that video-based multimedia instruction could assist different learning achievement students. However, students’ learning achievement might affect their food safety comprehension.

Keywords: Food Safety Issue, High and low level of achievement, Video-based Multimedia Instruction.

*All correspondence related to this article should be directed to Kai-Ping, Wang, Hsin Sheng Junior College of Medical Care and Management, Taiwan (R.O.C.), Taiwan
Email: wwpk2702@gmail.com
A Diffusion Tensor Imaging Study to Estimate Normative Fractional Anisotropy Values in Different Age Groups of Normal Brain White Matter

Rahul P Kotian¹*, Prakashini K², N Sreekumaran Nair³, Satish Babu M⁴

¹,²,³ Manipal University, Manipal, India
⁴ Manipal Hospital, Vijayawada, India

Abstract

DTI is one of the most sophisticated and relatively new neuroimaging techniques that allows in vivo quantification of water diffusion properties. It can also assess the integrity of white matter microstructure. In our study, we investigated normative data from a large number of healthy participants in three different age groups to examine the developmental trends in diffusion tensor imaging during this white matter maturation period. DTI data in 85 healthy subjects in three different age groups were analyzed retrospectively using 1.5 T MRI system. FA values were measured at the corpus callosum, centrum semiovale and pons using fixed ROI technique with a b-value of 1000 s/mm² and TE = 100 millisecond. FA values showed regional variation between different white matter regions of the brain. The highest and lowest values found varied with location in the brain white matter. In a normal adult population FA values of the brain white matter showed regional variation. These points should be taken into consideration while interpretation in clinical patients. We demonstrate a relationship between FA and normal ageing which is a key feature to detect early white matter changes. We propose that FA may provide an early means for the detection of age-related change and suggest a need for elaborate data to explore this association with comparison with a diseased population.

Keywords: FA, Fractional Anisotropy; DTI, Diffusion Tensor Imaging; B-Value; TE, Echo Time, Ms, Milli Second, MRI, Diffusion Imaging

*All correspondence related to this article should be directed to Rahul P Kotian, Manipal University, India
Email: kotian.rahul18@gmail.com
The Effect of Body Composition in Improved Plate on Elementary School Students

Chang-Tsang Yeh¹, Hsuan-Chun Tsai², Ming-Ju Lin³, Wei-Chin Hong⁴*
¹,³,⁴ National Chiayi University, Taiwan
² National Taiwan Sport University, Taiwan

Abstract

The purpose of this study was to investigate the nutritional dishes’ eating behavior change, the impact on the composition of the body of elementary school students. In this study, 200 research objects of the Chia-yi City Elementary fifth and sixth grade, the study time of eight weeks; research tools In Body 220 Body Composition Analyzer, questionnaires to be supplemented by analysis. Data analysis was conducted using the SPSS statistical software for Windows 12.0. ANCOVA was used as the statistical method at a significance level (α) of .05. Results: Statistical analyses showed that there were significant differences in BMI, fat mass, muscle mass, body weight, WHR & fat%, and better than control group. There were no significant differences in water mass, protein mass, mineral mass & BMR. According to the results treatment group could affect control of their fat mass. Suggestion: with proposed intervention of "time" and "diet" there will be significant effect for obesity treatment.

Keywords: Plate Diet, Body Composition, Elementary Students

*All correspondence related to this article should be directed to Wei-Chin Hong, , National Chiayi University, Taiwan
Email: indy@mail.ncku.edu.tw
Smartphone Application Design for Children’s Weight Control with their Parents

Byun, Ahjung¹, Kim, Jeongeun²*

¹,² Seoul National University, Seoul, Republic of Korea

Abstract

Pediatric obesity is a great concern for healthcare professionals globally because of its detrimental influences. Overweight or obesity leads to different chronic diseases and affects children not only physically but also psychologically and socially (Daniels et al., 2005). Based on the results of previous studies, parents had positive influence on children when nurtured well with good diet and physical activity (Lissau & Sorensen, 1994). Lives of elementary school children in Korea are focused on schoolwork and private education that controlling weight and staying healthy are difficult to address (Hwang, Park, Kim, Lee, & Shim, 2014). Smartphone application (app) has been widely used in healthcare and it is applicable to create a personalized app for overweight or obese elementary school children in Korea to manage obesity in a cost-effective way (Tate et al., 2013). In this study, we finalized a smartphone app design for children’s weight control with their parents. In order to design an app, we adopted a habit loop by Charles Duhigg (Duhigg, 2012). The habit loop consists of three steps: cue, routine, and reward. By applying these components, it helps children to build a habit of practicing healthy lifestyle monitored by their parents. In addition, focus group interview (FGI) was conducted in order to assess needs of elementary school students and their parents. Combining the habit loop and the results of FGI, an initial design of the smartphone app “Healthy Kids” was depicted.

Keywords: Figure I Shows the Prototype of the App Design

*All correspondence related to this article should be directed to Kim, Jeongeun, Seoul National University, Seoul, Republic of Korea
Email: jeongeunkim0424@gmail.com
Osteoporosis Health Beliefs and Preventive Behavior Among Junior High School Athletic and Non-Athletic Students

Hui-Ting Juan¹*, Shu-Lin Lee²
¹,² Chung Chou University of Science and Technology, Taiwan (R.O.C)

Abstract

The purpose of this study was to examine the health beliefs, preventive behaviors, and osteoporosis knowledge among junior high school athletic and non-athletic students. Participants: A total of 484 students from junior high schools in Changhua city participated in this study. Methods: The osteoporosis knowledge, osteoporosis health belief scale, and osteoporosis preventing behaviors survey were utilized. Each of these tools were previously validated and found reliable. The data were analyzed with one-way analysis of variance, and Pearson correlation coefficient. Results: the athletic students have a higher knowledge of osteoporosis than non-athletic students. The highest score was noted for perceived severity and perceived severity of osteoporosis health belief in athletic students. The Perceived Barriers of osteoporosis preventing behaviors is higher in non-athletic Students than in athletic Students. However, the Perceived Benefits is no significant difference between the groups. Conclusions: Prevention programs should aim to increase in non-athletic Students, due to the Perceived Barriers of osteoporosis preventing behaviors.

Keywords: Osteoporosis, Health Beliefs, Prevention Behavior

*All correspondence related to this article should be directed to Shu-Lin Leem, , Chung Chou University of Science and Technology, Taiwan (R.O.C), TAIWAN
Email: shulin325@gmail.com
TRACK D: ENGINEERING & TECHNOLOGY SCIENCES
Comparison of Air Electrode Materials on Lithium-Oxygen Battery Capacity and Cycle Life

J.C. Tang\textsuperscript{1}, C.C. Yang\textsuperscript{2}, S.J. Lue\textsuperscript{3}
\textsuperscript{1,3} Chang Gung University, Taiwan
\textsuperscript{2} Ming Chi University of Technology, Taiwan

Abstract

In this work we prepared nickel foam- and carbon cloth-based cathode electrodes for lithium oxygen (Li-O\textsubscript{2}) batteries. Lithium-air batteries were assembled into coin cells in an argon-purged glove box (H\textsubscript{2}O< 5 ppm, O\textsubscript{2}< 5 ppm). The battery was tested for cycling charge/discharge condition between 2 and 4.5 V at 0.1 mA current. The charge or discharge period lasted for 10 h, unless the voltage limit was reached. Our results showed that nickel foam- and carbon cloth-based electrode can successfully discharge and charge for 10-h cycles. The coulombic efficiency was almost 100\% in the first 10-20 cycles. The metal or metal oxide catalysts were essential for fast electrochemical reaction. As the cycle time increased, the over-potential increased and the energy capacity was unable to retain. The carbon cloth-based electrode containing PTFE layer could reach more battery cycles at higher capacity.

Keywords: Porous Electrode, Rechargeable Batteries, Electrochemical Performance, Cycle Life

*All correspondence related to this article should be directed to Shingjiang Jessie Lue, Ming Chi University of Technology, Taiwan
Email: jessie@mail.cgu.edu.tw
Design Similarity Judgement Tools Applying the Aesthetics Elements Scale

Hongseok Seo1*, Jungpyo Hong2
1,2 Chonbuk National University, Korea

Abstract

Similar design protection law determines the current design is made there around the form, because it sees a lack of objective scale that suggested the need for complementary research methods similar to judgement. This study affects the shaping of organizing principle similar to the aesthetic judgement as a design element in the design that was to demonstrate that the product type is important aesthetic element that can be used as a design similarity judgement tool. As previous studies in similar design aesthetic judgments clarify the relationship of elements, and through expert interviews, aesthetic factors were chosen that influence the design similar judgement. The following was set with the basic concepts of design tools similar judgement in this measure by setting a hypothesis as empirical studies and extracting the product type is important aesthetic element from the survey. It exerts an influence on the aesthetic elements design similarity judgement, aesthetic elements influence is simplicity/complexity, proportion, novelty, emphasis, rhythm, harmony, unity and balance. Also important aesthetic elements were different for each type of product. The overall aesthetic important common elements are simplicity/complexity, proportion, novelty, and emphasis, it will be judged as an important aesthetic element, depending on the product. The derivation of this study is important aesthetic elements of a common simplicity/complexity, proportion, novelty and emphasis, modeling tools to determine the basic structure of similar design.

Keywords: Design Similarity, Design Similarity Judgement, Aesthetics Elements, Design Similarity Judgement Tools

*All correspondence related to this article should be directed to Hongseok Seo, , Chonbuk National University, Korea
Email: hs-redstone@hanmail.net
a-InZnO Thin Film Transistor for Deep Blue Ray Sensing Application

Po-Tsun Liu, Yu-Quan Qiu¹, Wei-Qiao Zhang², Xiu-Yun Yeh³, Chih-Hsiang Chang⁴
¹,²,³,⁴ National Chiao Tung University, Taiwan

Abstract

This letter presents a highly sensitive deep blue light a-InZnO transistor (a-IZO TFT) for photo touch sensor applications. This wide bandgap oxide TFT (a-IZO) exhibits a high signal to noise ratio to blue light even under the ambient light (white light) environment. We present detailed studies on the characteristics of photo TFT current on photoresponse spectrum (different wavelength and intensity). In this study, we also apply a positive gate pulse to our devices to eliminate persistent photoconductivity to ensure the recover ability of the photo sensor.

Keywords: IZO, TFT, Sensor, Noise, Blue Ray

*All correspondence related to this article should be directed to Po-Tsun Liu, National Chiao Tung University, Taiwan.
Email: ptliu@mail.nctu.edu.tw

Effects of Active Recovery Exercise on the Indicators of Eccentric Exercise Induced Muscle Damage

Ming-Ju Lin¹, Jung-Charng Lin², Wei-Chin Hong³, Chang-Tsang Yeh⁴*
¹,³,⁴ National Chiayi University
² Chinese Culture University

Abstract

To investigate the effects of prolonged running following eccentric exercise on exercise induced muscle damage indicators. Methods: Twenty young untrained men assigned into active recovery (AR) and control (CON) groups based on their pre-determined VO2max. During the process of eccentric contraction (MAX) exercises, the subjects in the AR and CON groups performed 10 sets of 10 maximal isokinetic MAX of knee extensors (KE) and knee flexors (KF). After the MAX, AR group performed 1 hour level running at low-intensity of their pre-determined 50% VO2max. The CON group performed the same MAX, as the AR group, without the running exercise. Maximal isokinetic voluntary contraction strength (ISO), muscle soreness (SOR) measured before, immediately, 1~5 days after MAX. Body temperature (BT) and mean blood flow (MBF) at femoral artery of ultrasound imaging were measured immediately before and after the level running. All data were analyzed by two-way repeated mixed-designed measures ANOVA. Results: After the MAX, ISO of the CON group significantly reduces, and their SOR significantly increases observed at (p < .05). After the MAX, 1 hour level running significantly increased BT and MBF for AR group (p < .05). Moreover, the indicators of EIMD of AR group were significantly smaller than the CON group (p < .05). Conclusion: These results showed that recovery exercise promoted recovery rate after EIMD of both KE and KF by prolonged running.

Keywords: Prolonged Running, Body Temperature, Ultrasound

*All correspondence related to this article should be directed to Chang-Tsang Yeh, National Chiayi University, Taiwan
Email: car737car737@yahoo.com.tw
TRACK E: PHYSICAL & APPLIED SCIENCES
Position Estimation Scheme with IR-UWB Radar for Long-Range Target

Park, Yohan¹, Kim, Nammoon², Kim, Chang Soo³, Kim, Youngok⁴*
¹,⁴ Kwangwoon University, South Korea
² Hanwha Thales, South Korea
³ HoseoTelnet, South Korea

Abstract

This paper proposes a position estimation scheme with IR-UWB radar for a long-range target up to 11m indoors. When the transmitted pulse from the IR-UWB radar is reflected back from the target, fading effects make it difficult to estimate time-of-arrival of direct path, which is distorted by indoor environments and also called as clutter. In the proposed scheme, therefore, the performance of position estimation can be enhanced by mitigating the effect of clutters with singular value decomposition (SVD) scheme. The experimental results show that the proposed scheme can track the dynamic position of a target up to 11m with the average error of less than 0.2m in open space.

Keywords: IR-UWB, Radar, Clutter, SVD

*All correspondence related to this article should be directed to Kim, Youngok, Kwangwoon University, South Korea
Email: kimyoungok@kw.ac.kr
FUTURE EVENTS
3rd INTERNATIONAL CONFERENCE ON

“Multidisciplinary Innovation in Business Engineering
Science & Technology”
(MI-BEST -2017)

Date: April 05-06, 2017
Venue: Century Park Hotel, Manila, Philippines
Email: mibest@globalilluminators.org
Abstract Submission Date: March 20, 2017
Full Paper Submission Date: March 25, 2017

Selected conference papers will be published in special
/regular issue of ISI/Scopus indexed journals associated
with this conference.

Conference Main Tracks
- Business, Management and Economic Studies
- Health and Medicine Studies
- Engineering & Technology Studies
- Social Sciences & Humanities
- Physical Life and Applied Sciences
- Regional and Religious Studies
- Multidisciplinary and Interdisciplinary Studies

For more details visit www.globalilluminators.org
Date: March 25-26, 2017  
Venue: Novetal Hotel Sydney central, Sydney Australia  
Email: tmber@globalilluminators.org  
Abstract Submission Date: March 5, 2017  
Full Paper Submission Date: March 10, 2017  

Selected conference papers will be published in special /regular issue of ISI/Scopus indexed journals associated with this conference.  

Conference Main Tracks  
- Business, Management and Economic Studies  
- Health and Medicine Studies  
- Engineering & Technology Studies  
- Social Sciences & Humanities  
- Physical Life and Applied Sciences  
- Regional and Religious Studies  
- Multidisciplinary and Interdisciplinary Studies  

For more details visit www.globalilluminators.org
4th INTERNATIONAL CONFERENCE ON
“Global Trends in Academic Research”
(GTAR -2017)

Date: April 20-21, 2017
Venue: San Servolo Convention Center, Venice, Italy
Email: gtar@globalilluminators.org
Abstract Submission Date: April 5, 2017
Full Paper Submission Date: April 10, 2017

Selected conference papers will be published in special /regular issue of ISI/Scopus indexed journals associated with this conference.

Conference Main Tracks
- Business, Management and Economic Studies
- Health and Medicine Studies
- Engineering & Technology Studies
- Social Sciences & Humanities
- Physical Life and Applied Sciences
- Regional and Religious Studies
- Multidisciplinary and Interdisciplinary Studies

For more details visit www.globalilluminators.org
3rd INTERNATIONAL CONFERENCE ON

“New Directions in Multidisciplinary Research & Practice”
(NDMRP -2017)

Date: May 12-13, 2017
Venue: Amalia Hotel Athens, Greece
Email: ndmrp@globalilluminators.org
Abstract Submission Date: April 20, 2017
Full Paper Submission Date: April 25, 2017

Selected conference papers will be published in special
/regular issue of ISI/Scopus indexed journals associated
with this conference.

Conference Main Tracks
- Business, Management and Economic Studies
- Health and Medicine Studies
- Engineering & Technology Studies
- Social Sciences & Humanities
- Physical Life and Applied Sciences
- Regional and Religious Studies
- Multidisciplinary and Interdisciplinary Studies

For more details visit www.globalilluminators.org
4th INTERNATIONAL CONFERENCE ON
“Multidisciplinary Innovation Sustainability & Growth”
(MISG -2017)

Date: July 05-06, 2017
Venue: The Federal Hotel Kuala Lumpur Malaysia
Email: misg@globalilluminators.org
Abstract Submission Date: June 15, 2017
Full Paper Submission Date: June 30, 2017

Selected conference papers will be published in special/regular issue of ISI/Scopus indexed journals associated with this conference.

Conference Main Tracks
- Business, Management and Economic Studies
- Health and Medicine Studies
- Engineering & Technology Studies
- Social Sciences & Humanities
- Physical Life and Applied Sciences
- Regional and Religious Studies
- Multidisciplinary and Interdisciplinary Studies

For more details visit www.globalilluminators.org
3rd INTERNATIONAL CONFERENCE ON
“Multidisciplinary Academic Research & Global Innovation ”
(MARGI -2017)

Date: August 25-26, 2017
Venue: Holiday Inn Central Plaza Beijing
Email: margi@globalilluminators.org
Abstract Submission Date: July 15, 2017
Full Paper Submission Date: July 30, 2017

Selected conference papers will be published in special
/regular issue of ISI/Scopus indexed journals associated
with this conference.

Conference Main Tracks
- Business, Management and Economic Studies
- Health and Medicine Studies
- Engineering & Technology Studies
- Social Sciences & Humanities
- Physical Life and Applied Sciences
- Regional and Religious Studies
- Multidisciplinary and Interdisciplinary Studies

For more details visit www.globalilluminators.org
4TH INTERNATIONAL CONFERENCE ON

“Innovative Trends In Multidisciplinary Academic Research”
(ITMAR-2017)

Date: October 20-21, 2017
Venue: Istanbul Gonen Hotel, Istanbul, Turkey
Email: itmar@globalilluminators.org
Abstract Submission Date: September 20, 2017
Full Paper Submission Date: September 25, 2017

Selected conference papers will be published in special/regular issue of ISI/Scopus indexed journals associated with this conference.

Conference Main Tracks
- Business, Management and Economic Studies
- Health and Medicine Studies
- Engineering & Technology Studies
- Social Sciences & Humanities
- Physical Life and Applied Sciences
- Regional and Religious Studies
- Multidisciplinary and Interdisciplinary Studies

For more details visit www.globalilluminators.org
3RD INTERNATIONAL CONFERENCE ON

“Regional Challenges To Multidisciplinary Innovation ”
(RCMI- 2017)”

Date: October 05-06, 2017
Venue: Radisson Blu Hotel, Nairobi Kenya
Email: rcmi@globalilluminators.org
Abstract Submission Date: September 10, 2017
Full Paper Submission Date: September 15, 2017

Selected conference papers will be published in special/regular issue of ISI/Scopus indexed journals associated with this conference.

Conference Main Tracks

- Business, Management and Economic Studies
- Health and Medicine Studies
- Engineering & Technology Studies
- Social Sciences & Humanities
- Physical Life and Applied Sciences
- Regional and Religious Studies
- Multidisciplinary and Interdisciplinary Studies

For more details visit www.globalilluminators.org
2ND INTERNATIONAL CONFERENCE ON
“Interdisciplinary Academic Research And Innovation”
(IARI - 2017)

Date: November 23-24 2017
Venue: Indonesia Computer University
Email: iari@globalilluminators.org
Abstract Submission Date: October 5, 2017
Full Paper Submission Date: October 10, 2017

Selected conference papers will be published in special /regular issue of ISI/Scopus indexed journals associated with this conference.

Conference Main Tracks
• Business, Management and Economic Studies
• Health and Medicine Studies
• Engineering & Technology Studies
• Social Sciences & Humanities
• Physical Life and Applied Sciences
• Regional and Religious Studies
• Multidisciplinary and Interdisciplinary Studies
For more details visit www.globalilluminators.org
5TH INTERNATIONAL CONFERENCE ON

“Innovation Challenges In Multidisciplinary Research & Practice” (ICMRP - 2017)

Date: December 15-16, 2017
Venue: Hotel Grand Pacific Singapore
Email: icmrp@globalilluminators.org
Abstract Submission Date: November 25, 2017
Full Paper Submission Date: November 30, 2017

Selected conference papers will be published in special /regular issue of ISI/Scopus indexed journals associated with this conference.

Conference Main Tracks
- Business, Management and Economic Studies
- Health and Medicine Studies
- Engineering & Technology Studies
- Social Sciences & Humanities
- Physical Life and Applied Sciences
- Regional and Religious Studies
- Multidisciplinary and Interdisciplinary Studies
For more details visit www.globalilluminators.org
CSR Activity Conducted By Global Illuminators: Sport Activation for Children against Negative Impact of Internet & Technology

In April 2016, Global Illuminators conducted Corporate Social Responsibility program together with Maestro and the Clover as Sport Facility Provider in Bandung, initiating an event with theme:

The Objectives of this event were:

1. Media of education for parents and children to be aware of digital new era and its impact on children’s life
2. Facilitate and promote futsal as one of the kinds of sports activation that can be alternative activity for children against the negative impact of internet
3. Social activity and charity engaging orphans to enjoy sports activities together with their friends
4. Corporate Social Responsibility of Company to contribute to the society especially to solve one of the social problems in Bandung.
Highlights of CSR Activities are given below:
Global Illuminators Malaysia Team conducted its latest CSR activity at Rumah Charis, Kuala Lumpur, Malaysia Children Home

Global Illuminators Malaysia Team conducted its latest CSR activity at Rumah Charis, Kuala Lumpur, Malaysia Children Home. The children home ministry provides care for orphans and single parent children, their homes and activities aim to create a suitable environment to enable children to grow. They help to provide spiritual direction, education, and counselling for the children. Emphasis was given to fellowshipping and spending time with the children over refreshments, as well as presenting them with small gifts and the organizing of special entertainment programmes for the children such as a special game segment. One of the other highlights of the evening was the goodie bags distribution programme carried out by Global Illuminators.
Global Illuminators Indonesian Team conducted its Latest CSR activity in Ramadan for Local Community Welfare, Sharing Happiness and developing Orphan Children

Global Illuminators Indonesian team conducted its latest CSR activity in Ramadan for orphans. The purpose of this activity was to give happiness and develop orphans with the support of more than 60 volunteers and distribute iftar to more than 400 beneficiaries (yateem, orphan and dhuafa). Global Illuminators Indonesian team spent time with children and conducted different activities for their moral self-development.

Highlights of this activity are given below:
MISSION

“Our mission is to persistently nurture the values to promote the human rights, institutional and academic development through quality research contributions. Our unique human capital with constructive attitude is committed to bring change in all spheres of life by using innovative research and intellectual skills. We are here to research and promote the development, prosperity and transparency across the globe without any discrimination”.

VISION

“Researching and Developing for Humanity”

3RD INTERNATIONAL CONFERENCE ON
“GLOBAL ISSUES IN MULTIDISCIPLINARY ACADEMIC RESEARCH”
(GIMAR- 2017)