



FACULTY FULL NAME: ROYES JOSEPH

POSITION: Assistant Professor in Biostatistics

Personal Data

Nationality | India
Date of Birth | 31/03/1983
Department | Pharmacy Practice
Official UoD Email | rjchacko@iau.edu.sa
Office Phone No. | 0535803798

Language Proficiency

Language	Read	Write	Speak
Arabic			
English	yes	yes	yes
Others			

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2015	PhD in Biostatistics	UK	Keele University, Newcastle under Lyme, UK
2007	MSc in Biostatistics	India	M G University, Kerala, India

PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

PhD	Statistical analysis of longitudinal randomized clinical trials with missing data: a comparison of approaches
Master	
Fellowship	

Professional Record: (Beginning with the most recent)



Job Rank	Place and Address of Work		Date
Assistant Professor		College of Clinical Pharmacy, IAU	January 2018 -
Assistant Professor		DQAA, IAU, KSA	Feb 2017- Dec 2017
Investigator Statistician		MRC Biostatistics Unit, School of Clinical Medicine, University of Cambridge, UK	March 2015 – Feb 2017
PhD Student		Research Institute for Primary Care & Health Sciences, Keele University, UK	Sept 2011 – March 2015
Lecturer		DQAA, UoD, KSA	Sept 2009 – Aug 2011
Biostatistician		Aravind Eye Care System, India	Jan 2007 – Aug 2009

Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date

Scientific Achievements

Published Refereed Scientific Researches

(In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
1	Alshayban, D., Joseph, R	Health-related quality of life among patients with type 2 diabetes mellitus in Eastern Province, Saudi Arabia: A cross-sectional study	<i>PLoS One</i> , 2020
2	Kurdi, S., Faran, A., Eareeni, E., Alhalal, N., Joseph, R. , Wali, H., Alshayban, D	Assessment of knowledge and attitude toward the new antibiotic dispensing law and its effect on antibiotic use in Saudi Arabia	<i>Saudi Pharm J</i> , 2020
3	Alshayban, D., Joseph, R	A Call for Effective Interventions to Curb Shisha Tobacco Smoking among University Students	<i>Asian Pacific Journal of Cancer Prevention</i> , 2019



		in Eastern Province, Saudi Arabia: Findings from a Cross-Sectional Study	
4	Faheem Pottoos, Fatimah Al-Khalifa, Fatimah Al-Hassar, Sarah Al-Muhanna, Mastour Al-Ghamdi, Danah Aljaafari, and Royes Joseph	Antiepileptic drugs: prescription pattern, hematobiochemical changes and adverse effects: A retrospective study in eastern province of Saudi Arabia	<i>International Journal of Pharmaceutical Sciences and Research, 2019</i>
5	D Alshayban, R Joseph , N Alajmi, L Almarzooq, W Altamimi and F Pottoo	The health related quality of life for hypertensive patients in eastern province in Saudi Arabia: A Cross sectional study	<i>International Journal of Pharmaceutical Sciences and Research, 2019</i>
6	Ian White, Royes Joseph , and Nicky Best	A Causal Modelling Framework for Reference-Based Imputation and Tipping Point Analysis in Clinical Trials with Quantitative Outcome	<i>Journal of Biopharmaceutical Statistics, 2019</i>
7	F Pottoo, D Alshayban, R Joseph	Impact of Adherence to Anti-Epileptic Medications on Quality of Life of Epileptic Patients in Eastern Province of Saudi Arabia: A Cross-Sectional Study	<i>Imam Journal of Applied Sciences, 2020</i>
8	Zainab AbuAlsaoud, Dhfer Alshayban, Royes Joseph, Faheem Hyder Pottoo, Jisha Myalil Lucca	Off-label Medications Use in the Eastern Province of Saudi Arabia: The Views of General Practitioners, Pediatricians, and Other Specialists	Hospital Pharmacy, 2018
9	Ian White, Royes Joseph , Nicky Best	Handling drop-outs which imply a change of treatment: an evaluation of reference-based imputation	<i>Trials, 2015</i>
10	Royes Joseph, Sim, J., Ogollah, R., Lewis, M	An empirical evaluation of the impact of missing data on treatment effect	<i>Trials, 2015</i>
11	Royes Joseph, Sim, J., Ogollah, R., Lewis, M	A systematic review finds variable use of the intention-to-treat principle in musculoskeletal randomized controlled trials with missing data	<i>Journal of Clinical Epidemiology, 2014</i>



12	Royes Joseph, Sim, J., Ogollah, R., Lewis, M	Evaluation of bias and precision in methods of analysis for pragmatic trials with missing outcome data: a simulation study	<i>Trials</i> , 2013
13	Namperumalsamy, P., Kim, R., Vignesh. P., Neelakantan, N., Royes Joseph , Thomas, G	Prevalence and risk factors for Diabetic Retinopathy: A population based assessment from Theni District, South India	<i>Br J Ophthalmol</i> , 2009
14	Royes Joseph and Mathew, A.C	Analyzing repeated measurements data: a practical comparison of methods in the study on efficacy of levocetirizine, desloratidine and fexofenadine in histamine induced wheal suppression	<i>JP J Biostat</i> , 2008

Refereed Scientific Research Papers Accepted for Publication

#	Name of Investigator(s)	Research Title	Journal	Acceptance Date
	D Alsulaiman, N Al-Hamed, A Al-Zaydi, A Al-Malaihi, R Khalil, M Alessa, D Alshayban, R Joseph	Evaluation of Acinetobacter Baumannii Pneumonia among Critically Ill Patients in a Tertiary Care Hospital in Saudi Arabia	<i>Heliyon</i>	31/10/2019

Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date
1	Royes Joseph , Nicky Best, Ian White	Estimation of de facto estimate in placebo-controlled trial: a causal model	International Society for Clinical Biostatistics 37th Annual Conference, University of Birmingham, UK (August 2016)
2	Royes Joseph , Nicky Best, Ian White	A causal modelling framework for the estimation of treatment effectiveness in clinical trials with treatment dropouts	4th UK Causal Inference Meeting, London School of Hygiene and Tropical Medicine, London (April 2016)



3	Royes Joseph	A causal modelling framework for reference-based imputation	MiDIA meeting, London School of Hyg and Tropical Medicine, London (March 2014)
4	Royes Joseph , Nicky Best, Ian White	Estimation of de facto estimate of treatment effect in trials with dropouts: an extension of reference based imputation to tipping point sensitivity analysis	Biostatistics annual conference 2015, GlaxoSmithKline, UK (October 2015)
5	Royes Joseph., Lewis, M	Analysis of longitudinal clinical trial data with missing values: a simulation study	RSC 2014, Nottingham University, UK (2014)
6	Royes Joseph, Sim, J., Ogollah, R., Lewis, M	Evaluation of coverage and power in methods of analysis for pragmatic trials with missing outcome data: a simulation study	Medical Research Council Conference Biostatistics, Cambridge University, UK (March 2014)
7	Royes Joseph, Lewis, M	Evaluation of bias and precision in methods of analysis for pragmatic trials with missing outcome data: a simulation study	at 2nd Clinical Trials Methodology Conference: Methodology Matters, Edinburgh International Conference Centre, Edinburgh, UK (November 2013)
8	Royes Joseph	Handling of missing data in clinical trials: a review	Young Statisticians' Meeting YSM2013, Imperial College London, UK (July 2013)
9	Royes Joseph	Missing data in MSC trials: a systematic review	Research Students' Conference in Probability and Statistics 2013', Lancaster University, UK (March 2013)

Completed Research Projects

#	Name of Investigator(s) (Supported by)	Research Title	Report Date

Current Researches

#	Research Title	Name of Investigator(s)
1	The Clinical Outcomes of a Collaborative Multidisciplinary Program for the Management of Heart Failure with Reduced Ejection Fraction: A Clinical Randomized Trial	Dr. Abubaker Saed & Dr. Royes
2	Gender Differences in Job Satisfaction and Job Performance of Faculty Members in a Saudi Higher Education Institution	Dr Royes
3	Water pipe smoking, Intention to Quit, and Associated factors among Saudi Students	Dr Royes, Dr Dhafer
4	Estimation of de facto estimate: analysis of active-controlled trials with treatment discontinuation or switches	Royes Joseph ; Ian White

Contribution to Scientific Conferences and Symposia



#	Conference Title	Place and Date of the Conference	Extent of Contribution

Membership of Scientific and Professional Societies and Organizations

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Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Graduation Project	CLPH 507	6
2	Pharmacoepidemiology	CLPH 512	3

Brief Description of Undergraduate Courses Taught: (Course Title – Code: Description)

Teaching of 'Biostatistics and Research Methodology' for the course 'Graduation project (CLPH 507) in 5th year of PharmD program

Postgraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1			
2			

Brief Description of Postgraduate Courses Taught: (Course Title – Code: Description)

1	
2	

Course Coordination

#	Course Title and Code	Coordination	Co-coordination	Undergrad.	Postgrad.	From	To
1	Graduation Project (CLPH 507)					Jan 2018	August 2018



Guest/Invited Lectures for Undergraduate Students

#	Activity/Course Title and Code	Subject	College and University or Program	Date

Student Academic Supervision and Mentoring

#	Level	Number of Students	From	To

Supervision of Master and/or PhD Thesis

#	Degree Type	Title	Institution	Date
1	Master	Off-label Medications Use in the Eastern Province of Saudi Arabia: The Views of General Practitioners, Pediatricians, and Other Specialists.	College of Clinical Pharmacy, IAU	2017
2	Master	Knowledge, perception and Practice of Pharmacy Professionals on Drug Misuse and Abuse in Eastern Region of Saudi Arabia	College of Clinical Pharmacy, IAU	2017
3	Master	Adherence and quality of life in patients with Epilepsy in Eastern province of Saudi Arabia: cross-sectional study	College of Clinical Pharmacy, IAU	2017 /18
4	Master	Antiepileptic drugs: Clinical And Biochemical outcome in patients with Epilepsy	College of Clinical Pharmacy, IAU	2017 /18

Ongoing Research Supervision

#	Degree Type	Title	Institution	Date
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1	Master	Drug Utilization Review for Acid Suppressive Medications among Hospitalized Patients in King Fahd Hospital, ALKOBAR, Saudi Arabia	College of Clinical Pharmacy, IAU	2018 /19
2	Master	Adherence to Self-care Activities and Control of Blood Pressure among Male Hypertensive Patients in King Fahd Hospital AlKhobar, Saudi Arabia	College of Clinical Pharmacy, IAU	2018 /19
3	Master	Use of antibiotics and the national law on antibiotics disposal	College of Clinical Pharmacy, IAU	2018 /19

Administrative Responsibilities, Committee and Community Service (Beginning with the most recent)

Administrative Responsibilities

#	From	To	Position	Organization
1	Jan 2018	-	Quality coordinator	Quality and Development Unit, College of Clinical Pharmacy
2	Feb 2017	Dec 2017	Quality coordinator	DQAA, IAU

Committee Membership

#	From	To	Position	Organization
1	Jan 2018	-	Quality and Development Committee	College of Clinical Pharmacy, IAU
2	Jan 2018	-	Member, NCAAA sub-committee for PharmD program	College of Clinical Pharmacy, IAU

Scientific Consultations

#	From	To	Institute	Full-time or Part-time
1	Jan 2018	-	College of Clinical Pharmacy, IAU	Biostatistician



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Volunteer Work

#	From	To	Type of Volunteer	Organization

Personal Key Competencies and Skills: (Computer, Information technology, technical, etc.)

1	SAS, STATA, SPSS
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Last Update

20./01/2020