



NISHA SHANTAKUMARI

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Academic Rank

Senior lecturer and Assessment Coordinator, Ajman University, College of Medicine

Qualifications

- Bachelor of Medicine and Bachelor of Surgery (MBBS)
- Doctor of Medicine (MD, Physiology)
- Diploma from National Board (DNB, Physiology)
- Graduate Diploma in Health Professions Education (GradDipHPE)

Research field(s)

- Cardiovascular physiology
- Human Autonomic function testing
- Diabetes mellitus
- Medical education

Publications

- Ahmed M, Kumari N, Mirgani Z, Saeed A, Ramadan A, Ahmed MH, Almobarak AO. Metabolic syndrome; Definition, Pathogenesis, Elements, and the Effects of medicinal plants on it's elements. J Diabetes Metab Disord. 2022 Mar 15;21(1):1011-1022. doi: 10.1007/s40200-021-00965-2. Erratum in: J Diabetes Metab Disord. 2022 May 3;21(1):1217. PMID: 35673459; PMCID: PMC9167315
- Nisha Shantakumari. Deschooling society, Asia Pacific Journal of Education, 2021; DOI: 10.1080/02188791.2021.1897255
- Lone, R., Sequeira, s., & Shantakumari N, Compliance with accreditation and standardization of point of care Testing- from vision to action. Journal of International Dental and Medical Research. Int Dent Med Res 2021; 14(2): 860-864
- Al Omar, S., Khair, A. B., Shantakumari, N., Abdelmagied, M., & Hadi, K. M.H. (2020). Perceived sources of stress and stress coping strategies among junior Dental students at Ajman University. Journal of International Dental and Medical Research.

- Muttappallymyalil, J., Mendis, S., John, L. J., Shantakumari, N., Sreedharan, J., & Shaikh, R. Evolution of technology in teaching: Blackboard and beyond in Medical Education. Nepal J Epidemiology. 2016; 6(3); 588-594.
- John LJ, Shantakumari N. Herbal Medicines Use during Pregnancy: A Review from the Middle East. Oman Medical Journal 2015; 30(4): 229–236
- Shantakumari N, Muttappallymyalil J, Lisha JL, Sreedharan J. Cigarette Alternatives: Are they Safe? Asian Pac J Cancer Prevention 2015, 16 (8), 3587- 3590
- John LJ, Esheiba EM, Fathi MAM, Agarwal AK, Sreedharan J, Muttappallymyalil J, Shantakumari N. Efficacy of Statins in Dyslipidemia: A Non-interventional comparative study in a tertiary care hospital, Ajman, UAE. Nepal Journal of Epidemiology 2014; 4(5): 428-32
- Shantakumari N, Eldeeb, Ibrahim S.A.M Sreedharan J, Otoum S. Effect of PUFA on patients with hypertension: A hospital-based study. Indian Heart Journal 2014; 66(4): 408–414.
- Jayakumary Muttappallymyalil, Jayadevan Sreedharan, Mawahib Abd Salman Al Biate, Kasturi Mummigatti, Nisha Shantakumari. Prolactin level in women with Abnormal Uterine Bleeding visiting Department of Obstetrics and Gynecology in a University teaching hospital in Ajman, 5 UAE. GMJ, ASM 2014;3(S2): S91-S98
- Shantakumari N, Eldeeb R, Sreedharan J, Gopal K. Computer Use and Vision-Related Problems Among University Students In Ajman, United Arab Emirate, Annals of Medical and Health Sciences Research, 2014; 4 (2):258-263
- Shantakumari N, Gopakumar A, Sreedharan J . The effects of smoking on the hearing status - A hospital based study.[Letter to the Editor] Journal of Clinical and Diagnostic Research 2013 ; 7(10):2416 :<http://www.jcdr.net>
- Shantakumari N, Sequeira S, Eldeeb R. Effects of a yoga intervention on lipid profiles of Diabetic patients with dyslipidemia. Indian Heart Journal 2013; 65 (2):127-131
- Eldeeb R & Shantakumari, N. Outcome Based Education (OBE) - Trend Review. IOSR Journal of Research & Method in Education (IOSR-JRME)2013; 1(2) :09-11
- Shantakumari N. The Evolving Role of Technology in Physiology Laboratories. Education in Medicine Journal 2013;5(1): e61-66
- Eldeeb R, Shantakumari N, Gamal-Eldin M.H., Effat A. Khowailed, Fathy MM. The Response of Lipolytic Activity in Adipose Tissue to Saturated Fat. IOSR Journal of Pharmacy 2013;3(1) :35- 40
- Eldeeb R, Gamal-Eldin MH, Khowailed EA, Fathy MM, Shantakumari N, Saleh ME. Effect of Insulin Resistance on Lipolytic activity of Adipose Tissue in Male Rats. Nepal Journal of Medical sciences 2012; 1(2): 68-73
- Shantakumari, N., & Eldeeb R. Best Evidence Medical Education (BEME) - A critical review. Education in Medicine Journal 2012, 4(1); e15-20
- Shantakumari N, Sequeira S, Eldeeb R. Effect of a Yoga Intervention on Hypertensive Diabetic Patients. Journal of Advances in Internal Medicine 2012; 1(02):60-3
- Shantakumari N, Eldeeb R, Sreedharan J, Gopal K. Awareness and Practice of Computer Ergonomics among University Students. International Journal of Medical and Health Sciences.2012; 1(4):15-20

Courses Taught (*Last five years*)

- HBG011, HBG022 Human Biology 1&2
- GCT111 General Concepts Block
- MSK112 Musculoskeletal Block

- GIT113 Gastrointestinal Block
- CVB121 Cardiovascular and Blood Block
- RSP122 Respiratory Block
- REN123 Renal Block
- ENR231 Endocrine and Reproduction Block
- NEU242 Neuroscience Block
- SPS243 Special Senses Block
- MSK351 Musculoskeletal Block
- CVS361 Cardiovascular Block
- RES362 Respiratory Block
- General Medicine and Infectious Diseases Course (College of Dentistry)
- Integrated Biological Sciences (College of Dentistry)
- General Pathology (College of Pharmacy)

Professional Experience

- Senior Lecturer and Assessment coordinator, Ajman University, College of Medicine (September 2022-present)
- Lecturer and Assessment coordinator, Ajman University, College of Medicine (September 2019-August 2022)
- Clinical Tutor, Ajman University, College of Medicine (September, 2018 - August, 2019), Ajman, United Arab Emirates.
- Adjunct Faculty, Ajman University, College of Dentistry and college of Pharmacy (January, 2017 - May, 2018), Ajman, United Arab Emirates.
- Assistant Professor & Research Associate, Gulf Medical University (November, 2010 - December, 2015), Ajman, United Arab Emirates.
- Assistant Professor, Universal Empire Institute of Medical Sciences (July, 2006 - September, 2010), Dubai, United Arab Emirates.
- Lecturer, Universal Empire Institute of Medical Sciences (July, 2005 - June, 2006), Dubai, United Arab Emirates.

Committees Work

- Institutional Effectiveness committee (IEC), Ajman University
- Teaching and learning center, Ajman University
- AU Collection Development Committee, Ajman University
- Assessment committee, College of Medicine, Ajman University
- Curriculum committee, College of Medicine, Ajman University
- Student admission committee, College of Medicine, Ajman University
- Block/Course committees, College of Medicine, Ajman University

Honors and Awards

- Award for contribution to Excellence, Ajman University, 21st Jan 2023.
- Award for Excellence in teaching at GMU Excellence awards, 5th Jan 2014.
- Best poster award at the 6th Annual scientific meeting, Gulf Medical University, Ajman, Nov 2014.
- Best paper award at the 5th Annual scientific meeting, Gulf Medical University, Ajman, Nov 2013.
- Best paper award at the 4th Annual scientific meeting of Gulf Medical University, Ajman, Nov 2012

Other Contributions and Achievements

Professional memberships

- American Physiological Society (APS)
- Member of national academy of medical sciences (MNAMS)
- Association for the Study of Medical Education's (ASME)

Board Member: Editorial Review Board

- Indian Journal of Cardio Biology & Clinical Sciences
- International Journal of Physiology

Ad Hoc Reviewer for

- Journal of Diabetes & Metabolism
- International journal of Pediatrics and Adolescent Medicine
- Journal of Sports Medicine & Doping Studies
- Education in Medicine Journal
- The Journal of Family Practice

Workshops conducted

- Online TBL-Faculty development, Ajman, United Arab Emirates. Target population COM faculty and students
- Exam soft -Faculty development, Ajman, United Arab Emirates. Target population COM faculty and students
- Team based learning and audience response system (Clickers), Ajman, United Arab Emirates. Target population COM faculty and students
- Standard setting methods in Assessments-Angoff Method, Ajman, United Arab Emirates. Target population-COM Faculty