

Leena R David *M.Sc, MBA, Ph.D, FHEA*

University of Sharjah

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Educational Qualifications

- ✚ Ph.D. in Medical Imaging, Directorate of Radiography, University of Salford, UK (2016-2020)
- ✚ M.Sc Medical Imaging Technology, Manipal University, Manipal, India (2009-2011)
- ✚ MBA Health Care Services, Sikkim Manipal University, Manipal, India (2008 -2010)
- ✚ B.Sc Medical Imaging Technology, Manipal University, Manipal, India (2005-2008)
(Obtained equivalency from MOHESR, UAE)

Employment history

- ✚ Lecturer, Dept. of Medical Diagnostic Imaging, College of Health Sciences, University of Sharjah, Sharjah, United Arab Emirates (Sep 2014- current)
- ✚ Assistant Professor, Dept. of Medical Imaging Technology, School of Allied Health Sciences, Manipal University, Manipal, India (Mar 2012 - Aug 2014)
- ✚ Lecturer cum Coordinator, A.J Institute of Medical Sciences, Mangalore, Karnataka, India (Sep2011 - Feb 2012)

Professional Memberships

- ✚ **Fellowship for Higher Education Academy**, Advance HE, UK (Fellowship Reference PR202035)
- ✚ **Health and Care Professions Council (HCPC)**, UK registered (RA77954)
- ✚ Life member of the **Indian Association of Radiological Technologists** (Chandigarh) (Life Membership No: LM 2240). [Affiliated to International Society of Radiographers and Radiological Technologists].
- ✚ Associate Member International Society of Radiographers and Radiological Technologist.

Continuous Professional Education

- ✚ Advance Certificate in Health Professions Education, University of Sharjah (Fall 20-21)
- ✚ Certificate in Health Professions Education, University of Sharjah (Spring 2018-19)
- ✚ Basic Life Support for Health Care Providers, University of Sharjah (March 2019)
- ✚ Certificate Course in Biostatistics, Epidemiology & Research Methodology, Manipal University (Aug 2012-Jan 2013)

Academic Courses teaching experience

Courses (current):

- Patient Care & Management (1) Year2 (Semester 3)
- Introduction to Health Sciences Year 1 (College elective)
- Radiographic Techniques Year 3 (Semester 5)








○ Clinical Practice Courses (current):

- Skeletal Radiography CP Year 2 (Semester 4)
- Radiographic Technique CP Year3 (Semester 5)
- Special Radiographic Technique CP Year 3 (Semester 6)
- Medical Imaging CP (1) Year 4 (Semester 7)
- Medical Imaging CP (2) Year 4 (Semester 8)

Courses (previous):

- CT & Angiography Year 4 (Semester 7)
- Radiologic Pathology & Image Interpretation Year 4 (Semester 7)
- Radiologic Anatomy Year 3 (Semester 6)
- Medical Imaging Equipment (1) Year 3 (Semester 5)
- Medical Imaging & Processing Year 3 (Semester 5)
- Medical Imaging Equipment (2) Year 3 (Semester 6)
- Diagnostic Imaging Year 3 (Semester 6)
- Seminar in MDI Year 3 (Semester 1)

Professional Responsibilities:

-  Examiner
-  Researcher
-  Journal Reviewer
-  Academic Advisor
-  Member of Student Academic Affairs Committee
-  Member of Innovation Strategic Plan Committee
-  Member of Continuous Education & Professional Development Committee

○ **Professional responsibilities (previous):**

- Member of Conference Participation Committee, University of Sharjah, UAE
- ISO Coordinator at Manipal University, India
- Conversion of BSc. MIT curriculum to Semester system at Manipal University, India.
- Introduction of advanced training in Medical Imaging Technology syllabus of Manipal University, India.

- University Examinations Coordinator at Manipal University, India.
- External Examiner, Reviewer of University Examinations (both Manipal University and Sikkim Manipal University).

Ongoing Research Project/s

- ✚ Comparison of diagnostic accuracy of the AI system with human readers in the diagnosis of portable Chest X-rays during the COVID -19 pandemic (accepted by ABHS journal for publication).
- ✚ Role of initial chest imaging findings in managing symptomatic suspected patients of COVID-19 in correlation with PCR lab results at screening centres of primary health care, Dubai (Submitted for publication).
- ✚ Community and policy factors influence the decision to undergo screening mammography in the United Arab Emirates (Submitted for publication).
- ✚ Determining the impact of interprofessional education to enhance compassionate and empathetic patient care among medical, dental and health sciences students, a quasi-experimental study
- ✚ Assessing the mammographic density patterns in relation to dietary and lifestyle behaviors among women undergoing screening mammograms in the United Arab Emirates: A national cross-sectional study
- ✚ Knowledge and practice of Diagnostic Reference Levels, radiation protection and safety among dental professionals and dental undergraduate students in the United Arab Emirates- a questionnaire-based multicentre survey
- ✚ Data Processing with Artificial Intelligence for diagnosis of Thyroid & Breast cancer

Research Interest

- ✚ Breast Cancer Screening & Imaging
- ✚ Interprofessional education
- ✚ Patient Radiation Dose Monitoring
- ✚ Radiology & Osteoporosis

Media: TV Channel/Radio:

- ✚ Leena R David (26.10.2020), Research talk, Radio Show/Interviewer: RJ Thanveer, Kalakkan recharge, Club FM 99.6/ United Arab Emirates.
- ✚ Leena R David (23.10.2020), News story/ Reporter: Shinoj Shamsudheen, MediaOne News, United Arab Emirates <https://youtu.be/131BiCihEb0>

- Leena R David. (2018) Breast Cancer Awareness/Interviewer: Anjali. Saradhi, Mizhiyoram, NTV UAE, United Arab Emirates.

Journal Reviewer

- Journal of X-Ray Science and Technology
- Journal of Taibah University Medical Sciences

Books/ Chapters/Publications

- Shetty, S. R., Al-Bayatti, S. W., Al Kawas, S., Al-Rawi, N. H., Kamath, V., Shetty, R., ... & **David, L.** (2022). A study on the association between the inferior nasal turbinate volume and the maxillary sinus mucosal lining using cone beam tomography. *Heliyon*, e09190.
- Guraya, S. Y., **David, L. R.**, Hashir, S., Mousa, N. A., Al Bayatti, S. W., Hasswan, A. A. A., & Kaouas, M. (2021). The Impact of an Online Intervention on the Medical, Dental and Health Sciences Students About Interprofessional Education; A Quasi-experimental Study.
- Elshami, W., Akudjedu, T. N., Abuzaid, M., **David, L. R.**, Tekin, H. O., Cavli, B., & Issa, B. (2020). The radiology workforce's response to the COVID-19 pandemic in the Middle East, North Africa and India. *Radiography*.
- Kotian, R. P., Faujdar, D., D'souza, B., Kotian, S. P., Kunaparaju, S., & **David, L. R.** (2020). A web survey to assess the perceived mental healthcare among Medical Imaging Professionals during COVID-19 pandemic.
- Contributed chapters in Self-learning study material (Radiographic Photography) for Sikkim Manipal University. **L. David**, S.Yadav, R.Kotian, S.Rahul. (2013) Radiographic photography (BMI205), SMU DE Self Learning Material, Manipal Global Education Services (MaGe).
- Evaluated multiple journal articles of Journal of Taibah University Medical Sciences, 2018-19
- Elshami, W. E., Abuzaid, M. M., Guraya, S. S., & **L. David** (2018). Acceptability and potential impacts of innovative E-Portfolios implemented in E-Learning systems for clinical training. *Journal of Taibah University Medical Sciences*, 13(6), 521–527. <https://doi.org/10.1016/j.jtumed.2018.09.002>.
- Abuzaid, M., & Elshami, W., **L. David**, Zarmeena Noorjan, Asma Abdi. (2017). Development and design of an undergraduate radiology teaching e-portfolio for clinical practice and professional development. *American Journal of Diagnostic Imaging*, Volume 3, No.1 pages 7-11 (2018), doi: 10.5455/ajdi.20171008024201.
- Abuzaid, M., & Elshami, W., **L. David**, Barry Stevens. (2017). Perceptions of E-Portfolio Use in Lifelong Learning and Professional Development Among Radiology Professionals. *Current Medical Imaging Reviews*, Volume 13 (2017), doi: 10.2174/1573405613666170105153425.

- ✚ Paruthikunnan, S. M., Koteswara, P., Hlondo, L., Yadav, S., Sambhaji, C. J., & **David, L.** (2015). Temporal bone microanatomy on high-resolution CT: Comparison of multi-planar 2-dimensional and volume rendered the 3-dimensional evaluations of middle ear and inner ear structuresC-0914. Retrieved from doi: 10.1594/ecr2015/C-0914.

- ✚ **David, L. R.** (2014). Assessment Of Bone Mineral Density: A Comparative Pilot Study With Phantom Less Quantitative Computed Tomography (QCT) and Quantitative Ultrasound (QUS). Journal of Clinical Densitometry, 17(3), 416.

- ✚ Kotian, R. P., Sukumar, S., Kotian, S. R., & **David, L. R.** (2013). Perception of Radiation Awareness among Patients in South Indian population–A Qualitative Study. Medical Science, 2(11).

- ✚ Sukumar, S., Yadav, S., Sahana, S., **David, L. R.**, & Kumari, M. (2012). X Ray image reject analysis in OPD X ray Department-A pilot study. International Journal of Medical and Pharmaceutical Sciences, 3(2), 33-37.

Conferences/ Community service

- ✚ **360-degree Prioritization- The art of getting more done with less time for Professionals,** resource and organizing member, 22,23.02.2022

- ✚ **Advancing health care systems with Interprofessional education & collaboration,** organising member and represented the CHS, 15.03.22

- ✚ **Radiation Safety Officer Training,** Resource person 6,13,20.03.22

- ✚ **Discover the root! Intervene it!,** Indian Association Sharjah, United Arab Emirates. 14.08.2020

- ✚ **Modern Media and Health Awareness,** Department of Health Promotion, Supreme Council for Family Affairs, 21.07.2020

- ✚ **Breast self- examination and the role of health professionals,** Women’s Health Day, 14.10.19 held at University of Sharjah, UAE

- ✚ **MDI Clinical Practice: Shaping the next generation of professionals** (organiser & presenter), 23.02.19 held at University of Sharjah, UAE.

- ✚ **Emotional Intelligence: using personal bereavement to increase breast cancer awareness –** information on how to self-screen on 06.07.2018 held at University of Salford, United Kingdom.

- ✚ Post Graduate Researcher presentation at SPARC 2018, on 04.07.2018 University of Salford, United Kingdom (selected by the University of Salford selection panel as the best abstract from the School of Health Sciences and **represented the School of Health Sciences in SPARC 2018**).
- ✚ Presentations, Discussion, Demonstration about **Breast Cancer: Early detection** at various locations in the United Arab Emirates (01 September 2017 till 10.11.2017) (Gulf Asian School, Sharjah, Pravasi Shree, CH2M Company, Chill Out Events, other community centres).
- ✚ Presentation titled **“Effective Preceptorship: An Overview”**, at the second Annual Clinical Preceptor Workshop held on 12 May 2016, College of Health Sciences, University of Sharjah.
- ✚ Poster presenter **“Radiology: an aid for better life”**, an international conference on “Solution for a Better Life” World Future Leaders organized by West Virginia State University and the University of Sharjah on 21st to 25th February 2016.
- ✚ Presentation titled **“Thermoluminescent Dosimeters”** on 10-12-2015, at College of Health Sciences, University of Sharjah, UAE.
- ✚ An oral presentation titled **“Serving the society as a Radiologic Technologist”**, on Nov 10, 2014, at Sheikh Khalifa Hospital, Ajman, UAE on the occasion of World Radiography Day.
- ✚ Poster presentation entitled **“Assessment of Bone Mineral Density: A comparative pilot study with Phantom less QCT and QUS”** on Nov 19- 22 in Brazil organized by SICOT- CBOT 2014.
- ✚ Instructor in the 5th MRI Training course organized by PRORAD Education on 7th and 8th June 2014 **“Image Quality in MRI”** at Nanavati Hospital, Mumbai.
- ✚ Won second prize in the Poster presentation (students poster presentation- Arathy Mary John) in FLAIR 2014, Organized by Sree Chitra Tirunal Institute for Medical Sciences and Technology, Thiruvananthapuram, on 8th March 2014.
- ✚ Instructor in **Ramachandra Advanced Radiology Education (RARE 2014)** for Radiologists on 13th – 16th February 2014 organized by Sri Ramchandra University, Chennai.
- ✚ Talk on **“Assessment of Bone Mineral Density: A Comparative study with Quantitative Computed Tomography and Quantitative Ultrasound”** on 22nd November 2013 at All India Institute of Medical Sciences, New Delhi.
- ✚ Lecture on **“Factor affecting Image Quality in MRI”**, on 22nd September 2013 at KMC, Mangalore.

✚ Talk on **PC- PNDT ACT** on 16th December 2012 at Father Mullers Medical College, Mangalore, Karnataka.

Educational Videos

Student projects:

✚ <https://www.youtube.com/watch?v=yxsa1wgMSx8>

✚ <https://www.youtube.com/watch?v=1D89PswGUfs&t=2s>

Personal Details

Nationality	Indian
Languages known	Malayalam, English, Kannada, Tamil, Hindi
Address for Communication (Present)	Lecturer, Department of Medical Diagnostic Imaging, College of Health Sciences, University of Sharjah, UAE.

References

Available on request
