



MELVIN JOY

BIostatistician

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Personal Data

Father's Name : Joy M J
Date of Birth : 21-03-1994
Gender : Male
Marital Status : Single
Nationality : Indian

Contact Details

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Area of Interest

- Statistical Data Analysis
- Biostatistics
- Epidemiology
- Clinical Research
- Sample Size Calculation
- Hypothesis Testing

Technical Skills

- Microsoft Office & Excel
- R Programming
- SPSS
- STATA
- Basics of SAS
- Epi Info & EpiData

Professional Associations

- Indian Association for Statistics in Clinical Trials

Profile Summary

- An enthusiastic individual with highly motivated and leadership skills having Masters in Biostatistics.
- Expert in implementation of each step of project.
- Eager to learn new emerging trends in Biostatistics and its methodologies.

Professional Experience

STATISTICIAN February 2018 - Present

St. John's Research Institute, Bangalore

- ✓ Data analysis
- ✓ Data management
- ✓ Data interpretation
- ✓ Report generation

DATA ANALYST October 2017 - January 2018

MS Clinical Research Pvt. Ltd, Bangalore

- ✓ Developing Statistical Analysis Plan (SAP)
- ✓ Statistical analysis
- ✓ Data management
- ✓ Results reporting

BIostatistician Trainee June 2017 - August 2017

PSG Institute of Medical Sciences and Research

Coimbatore, Tamil Nadu

- ✓ Involved in various research activities in Biostatistics
- ✓ Primary data collection for project works
- ✓ Data analysis in SPSS & R
- ✓ Involved in paper publications
- ✓ Involved in various teaching programs for MPT, Pharm.D. and B.Pharm students

Academic Qualifications

Master of Science. Biostatistics 2015 - 2017

St. Thomas College, Pala, Kerala

Bachelor of Science. Zoology 2012 - 2015

St. Thomas College, Pala, Kerala

Intermediate (Science Group) 2010 - 2012

St. Peters HSS, Elanji, Kerala

Matriculation 2009 - 2010

Infant Jesus English Medium High School,
Koothattukulam, Kerala

Achievements

- Completed online course on **GRANT MANAGEMENT FOR HEALTH AND SOCIAL SCIENCE RESEARCHERS**, organized by St. John's Research Institute, Bangalore, India.
- Completed Diploma in **COMPUTER APPLICATIONS (DCA)** with first class.
- Completed certificate course in **FUNCTIONAL ENGLISH** from Mahatma Gandhi University, Kerala.

Research Experience

- Working as Statistician in the ICMR project entitled "**Estimating the Burden of Pediatric HIV in an "A" Category District in India: Cohort Study of Children Exposed to Maternal HIV**" at St. John's Research Institute, Bangalore.
- 2017: Completed a project entitled "**Consumption of Tea and its Relation to Risk of Type 2 Diabetes Mellitus**" at PSG Institute of Medical Sciences & Research, Coimbatore.
- 2017: Completed a case-control study on **Chocolate Consumption and its Relation to Risk of Type 2 Diabetes Mellitus** at PSGIMS&R, Coimbatore.

Publications in International Peer-Reviewed Journals

1. Mathew AC, Kishan S, **Joy M**, Manoj DS, Amirthvarshan A, Kumar RS. (2017). Chocolate Consumption and its Relation to Risk of Type 2 Diabetes Mellitus. *International Journal of Advances in Medicine* 4(5):1473-6.
DOI:10.18203/2349-3933.ijam20174306.
2. Anil C Mathew, **Melvin Joy**, Somy Kishan, Darshan Manoj S, Kavitha V, Senthil Kumar R, Yunsheng Ma. (2017). Consumption of Tea and its Relation to Risk of Type 2 Diabetes Mellitus. *Asian Pacific Journal of Health Sciences* 4(3):83-87.
DOI:10.21276/apjhs.2017.4.3.13.

Oral/Poster Presentations in International Conferences

- Participated and gave an oral presentation in the **International Conference on Recent Advances in Statistical Methodology with Applications in Clinical and Official Statistics** organized by the Department of Statistics and Biostatistics, St. Thomas College, Pala in collaboration with Christian Medical College, Vellore and University of Maryland, USA during 03 - 05 January 2018.
- Participated and presented a poster in the two day **International Conference on Traditional and Alternative Medicine** organized by the Department of Biochemistry, St. Thomas College, Pala during 18th & 19th September 2017.

Training & Workshops Attended

- International Workshop on **High-Performance Statistical Computing Using R** - January 2018.
- Workshop on **Data Analysis Using R** - September 2017.
- **Clinical Epidemiology and Biostatistics Training Program** - August 2017.
- **Training on SPSS, SAS and R Programming** - March 2017.
- **National Conference on Advances in Statistical Sciences** in conjunction with the Annual Conference of the Kerala Statistical Association (KSA) - February 2017.
- Workshop on **Biostatistical Methods in Medical Research** - December 2016.
- **National Workshop on Intellectual Property Rights** - August 2014.