

Poornima Krishnan

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PROFILE

MBA and PhD with graduate concentration in Survey Research Methods

Knowledge of Research Methods: Knowledge and experience designing and implementing qualitative and quantitative studies; skilled in sampling design, multiple data collection modes.

Deep Expertise in Data Analysis – 5+ years of experienced in conducting quantitative data analyses using SPSS (PASW), Amos, Excel including, weighting data for complex sampling; assessing nonresponse bias; correcting for missing data; using multivariate data analysis techniques (factor analysis, cluster analysis, regression, ANOVA, path modeling)

Managing Research Projects: Experienced in managing a research project from defining research question, conceptualizing the study design, organizing data collection, conducting analyses and generating reports. Also experienced in managing a technology project from defining requirements including system development, testing & implementation

Core Skills: Innovative, self-driven, detail and goal oriented

EDUCATION

Doctor of Philosophy, (PhD in *Management Information Systems* minor in *Survey Research Methods*), University of Illinois at Chicago – Liautaud Graduate School of Business

Master of Business Administration – with distinction, (*Information Systems & Finance*) Narsee Monjee Institute of Management Studies, Mumbai, India

Bachelor of Science – with distinction, (*Computer Applications*) Stella Maris College, Chennai, India

PROFESSIONAL EXPERIENCE

University of Illinois at Chicago (Department of Information & Decision Sciences) – Chicago, Illinois (8/2005 – May 2010)

Research Analyst for UIC College of Medicine, Dean's Office – January 2009 to May 2010

Research Associate at UIC NCPAD – June 2006 to December 2008

IS Instructor – August 2005 to May 2006

North Central College – Naperville, IL (9/2009 – April 2011) Business Statistics Instructor (part-time)

Wipro Technologies – Bangalore, India (5/2004 – 6/2005) Consultant

DETAILED WORK EXPERIENCE**Research Analyst for UIC College of Medicine, Dean's Office (January '09 – May '10)**

As the research analyst at UIC College of Medicine, Poornima was responsible for –

- Conducting quantitative and qualitative research on efficacy of university policy initiatives on diversity of faculty body
- Designing and conducting annual surveys to assess faculty perceptions of quality of life and faculty work environment
- Collecting, cleaning and analyzing data from Oracle databases and from secondary sources, on college of medicine Faculty Diversity

- Using Excel (Macros, What-If analyses, Pivot Tables, Complex Array formulae), SPSS to analyze data and create longitudinal reports on faculty diversity, promotion and retention trends
- Assessing the impact of interventions (e.g. faculty mentorship initiatives, hiring practices) on outcomes (e.g. faculty recruitment and retention); comparing departments implementing interventions against those without and providing reports on intervention efficacy

Research Associate at National Center on Physical Activity & Disability (NCPAD) (June '06 – December '08)

DHD is involved in research on physical activity and disability with the objective of furthering the advancement of disabled persons. As a research associate, Poornima was responsible for:

- Managing databases for experimental research projects (MS Access & MS Excel)
- Data cleaning, data validation with original experiment data sheets
- Collaborating with senior professors, understand their research objectives, data characteristics and present analysis strategies
- Developing SPSS batch files to automate routine tasks like data entry for subsequent data collection waves
- Consolidating data from different data collection waves into single longitudinal data analysis file
- Compiling reports and presentations for conferences and department meetings

Teaching Associate in department of Information & Decision Sciences (August '05 to May '06)

As a teaching associate, Poornima was responsible for working with senior professors –

- Teaching class, addressing student needs, managing the class roster, grading assignments and exams, helping students with coursework (IDS 200 Introduction to MIS; IDS 355 Operations Management)
- Assisting professors with grading assignments, evaluating exams and assisting students with coursework (Analysis and Design of Information Systems, Project Management, Information Security Management)

Business Statistics Instructor at North Central College, Naperville (September '09 – April 2011)

As a part-time instructor, Poornima was responsible for –

- Teaching Graduate level Multivariate Statistics covering topics such as – Analysis of Variance, Multiple & Simple linear regression, Comparing means of groups, Chi-Square tests and Sampling
- Introducing use of Excel and SPSS for statistical analyses
- Guiding student groups through basic survey research project: project planning, questionnaire development, data collection (sampling, data collection mode), data analysis (correcting missing data, assessing nonresponse bias), data reliability (Cronbach's alpha), analysis and reporting strategy (regression, ANOVA, graphs, charts, tables)
- Preparing syllabus, designing teaching materials, creating assignments and exams and teaching class, meeting students for assignment, coursework help and mentorship

Consultant, Wipro Technologies, India (May '04 – June '05)

As a consultant, Poornima was responsible for –

- Coordinating project teams across India, Germany and US
- Responsible for prototype evaluation – A/B testing, consolidating data from logfiles to assess effective interface design
- Monitoring quality of software development – defect prevention and QA.

EXPERTISE IN TOOLS AND TRAINING

Expert – SPSS (PASW), Stata, Excel, Amos, EPI Info, NVivo, Access, SQL, Word, Powerpoint

Intermediate – R, Oracle, Lisrel, Publisher, HTML, Java & Web Content Management tools

Beginner – Google Analytics, SAS