

**Akaninyene Udo Udom**

Reader (Associate Professor) of Statistics

**Qualifications:**

BSc, MSc, PhD (Nigeria)

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**Dr. Akaninyene Udo Udom** attended State College, Ikot Ekpene where he obtained Senior Secondary School Certificate in 1990. He attended University of Nigeria, Nsukka where he obtained BSc, MSc and PhD in 1998, 2005 and 2014 respectively. Dr. A. U. Udom joined University of Nigeria in 2001 as a Graduate Assistant. He was promoted to the rank of Reader (Associate Professor) in October 2015.

**Research Interests:**

Stochastic models for manpower control, stochastic stability and optimal control of stochastic systems, Stochastic approximation theory.

**Selected Academic Publications**

[Udom, A. U. and Uche P. I. (2018), Optimal maintainability of manpower system with time invariant coefficients. Journal of Statistics and Management Systems](https://scholar.google.com/scholar?oi=bibs&cluster=2384384090380605769&btnI=1&hl=en)

<https://www.tandfonline.com/eprint/faRPNH5dFrSIQF5XZuSX/full>

[Udom, A. U. and Zhu, Q. (2018) Global stability of stochastic systems with Poisson distributed random time-delay. Communication in Statistics -Theory and Methods](https://scholar.google.com/scholar?oi=bibs&cluster=2562016945066331465&btnI=1&hl=en)

<https://www.tandfonline.com/eprint/97nACEHhrj9XBtnbkcz5/full>

[Udom, A. U. (2018), Almost surely exponential stability of impulsive stochastic delay dynamical system with semi-Markov jump structure. Journal of Information and Optimization Sciences](https://scholar.google.com/scholar?oi=bibs&cluster=14620347545071704644&btnI=1&hl=en). <https://www.tandfonline.com/eprint/Hzkzs93z5ipzykgDrM7z/full>

[Udom, A. U, (2017) Stochastic approximation results for variational inequality problem using random- type iterative schemes. Communication in Statistics -Theory and Methods](https://scholar.google.com/scholar?oi=bibs&cluster=15659991568294169292&btnI=1&hl=en)

<https://www.tandfonline.com/eprint/3K9FyW5VAc8SrTnFdcxM/full>

Udom, A. U. (2015), Optimal multilevel control of stochastic system with state delay and indefinite cost matrices. *International Journal of Modelling Identification and control,* Vol. 23 No. 3 pp. 204 – 212.

[Udom. A. U. (2014), Stabilization in probability and mean square of controlled stochastic dynamical system with state delay. *Systems and Control Letters,* Vol. 68 pp 95 - 100.](https://scholar.google.com/scholar?oi=bibs&cluster=15231522860858319188&btnI=1&hl=en)

[Udom, A. U. (2014), Optimal controllability of manpower system with linear quadratic performance index. *Brazillian Journal of Probability and Statistics.* Vol. 28 No. 2 pp. 151 – 166.](https://scholar.google.com/scholar?oi=bibs&cluster=70299669866842551&btnI=1&hl=en)

[Udom, A. U. (2013) A Markov Decision Process Approach to Optimal Control of a Multi-level Hierarchical Manpower System. *CBN Journal of Applied Statistics,* Vol. 4 No. 2 pp. 31 – 50.](https://scholar.google.com/scholar?oi=bibs&cluster=12039893090216958664&btnI=1&hl=en)

[Udom, A. U. (2013),An absorbing Markov chain in labour system planning, *International Journal of Operational Research.* Vol. 18 No. 2 pp. 188 – 200.](https://scholar.google.com/scholar?oi=bibs&cluster=95483107552673286&btnI=1&hl=en)

[Udom, A. U. (2013), Some majorisation results in optimal manpower control, *International Journal of Operational Research.* Vol. 16 No. 3 pp.287 – 303.](https://scholar.google.com/scholar?oi=bibs&cluster=13677118536791391860&btnI=1&hl=en)

[Udom, A. U. (2012), Exponential stabilization of stochastic interval systems with time dependent parameters, *European Journal of Operational Research,* Vol. 222, No.3 pp. 523 – 528.](https://scholar.google.com/scholar?oi=bibs&cluster=9870854361893006657&btnI=1&hl=en)