

Name: Ms S. U. Pervisor

Fluff Systems Specialist, R&D Dept., Fluff Products Ltd.

Employment history:

- Fluff Products Ltd, (2005-current)
- Fluff Systems and Development Inc. (2000-2005)

After graduating in Physics, I have been involved with the modelling and simulation of fluff-based materials, both natural and man-made. The work I do is computationally intensive and data-driven.

Education Background

1996-2000: BSc (Hons) Physics, University of North Haugh, UK

Experience in mentoring

My current employer specialises in everything to do with the amazing material *fluff*. For both my employers, I have been responsible for the mentoring of new recruits. With my current employer, I have successfully mentored 7 new employees within the company, working in areas including fluff science, fluff engineering, and fluff product evaluation.

I have experience in:

- data-intensive and data-driven science and engineering in of fluff as a raw material, fluff processing and fluff products
- designing experiments for investigating the material properties of fluff
- evaluating engineering processes for manufacturing natural fluff
- designing systems to create synthetic fluff with different properties

Recent Publications

I have 4 patents and 16 peer-reviewed publications on many aspects of fluff. My 5 most recent outputs are listed below, and the ones marked with a “*” are co-authored with 3 of the new recruits that I have been mentored:

- * S. U. Pervisor, A. N. Other, “Using fluff to enhance the properties of graphene”, *Nature Fluff*, 42(42), 04 May 2016.
- I. M. Ngineer, S. U. Pervisor, “A method and device for the extraction of fluff from automobile ventilation grills”, UK Patent 987654321, awarded 02 Feb 2016.
- * S. C. Ientist, S. U. Pervisor, “Use of synthetic fluff in aviation design”, *Fluff Engineering Journal*, 42(42), 27 Nov 2015.
- S. U. Pervisor, “Big-data from fluff”, 2015 International Conference on Fluff Innovation, 20-24 Aug 2015.
- *N. U. Recruit, S. U. Pervisor, “The negative impact of fluff on Velcro”, *Practical Fluff Magazine*, issue 42, Jul 2015.