

# Elaine H. Stone



## Summary

Elaine is formulation scientist and consultant specializing in the development of solid oral dosage forms. She has a passion for tablets and material science and has extensive practical experience at all stages of drug project delivery from initial concept design, through clinical manufacturing, late stage development, regulatory submission and lifecycle management. She has proven working knowledge of GMP and contract experience. Elaine is recognised as a compaction simulation expert and can use her skill to translate and communicate project risks to non-material scientists.

## Experience

### Consultant Product Development 2023-Present

- Compaction science
- Oral drug delivery, granulation, tableting, material science, QbD.
- Training in tablet formulation and compaction simulation.

### Technical Director, Merlin Powder Characterisation Ltd 2011-2023

- Founder and technical expert offering growing industry access to compaction simulation techniques.
- Contract compression testing services

### AstraZeneca Material Science 2008-2011

- Support to drug project teams

### AstraZeneca Early Development and Product Development 1999-2008

- Development and cGMP manufacture of products for phase I/II clinical trials.

### Astra Charnwood Inhalation product development 1995-1999

### Fisons Pharmaceuticals PLC 1993-1995

## Scientific Advisory/Board Experience

### Co-chair, UK APS Material Science focus group

2015 – Present

[www.APSGB.co.uk](http://www.APSGB.co.uk)

APS 'Manufacturing Classification System (MCS)' initiative – collaborating author

### Scientific Committee, Compaction Simulation Forum

2012 – Present

[www.CompactionSimulation.com](http://www.CompactionSimulation.com)

## Philosophy

Approachable and practical.

## Achievements



Practical application of compaction science to speed up development



Training to create the next generation of scientists



Flexibility – maximizing opportunities for success

## Strengths

- Multi-disciplinary
- Problem solving
- Practical
- Solutions
- Reliable
- Mentoring
- Efficient
- Granulation
- Compression
- QbD
- Trainer

## Education & Accreditation

### MPhil

LIMU, UK

Pharmaceutical Sciences  
2000-2005

### BPharm Pharmacy

University of Bradford, UK  
1989-1993

### Member: Royal Pharmaceutical Society of Great Britain

Since 1993