

Examining correlation between external exposure and human body burdens – a modelling approach. ER2

At SU, this project will mathematically model the relationships between a range of FRs in indoor air, dust, diet, and human tissues. Data generated by ESR6 on air, dust, and human tissue contamination with FRs will provide source term and output data for the model. Additional data will be obtained via collaboration with ESRs 2 and 3. Target FRs will be informed by those determined by ESR1 and ER1 (WP1), but will include PBDEs, HBCDs, brominated phthalates, and OPFRs. ER2 will provide important additional technical training to ESR4 and ESR6 on the complex scientific processes relating external and internal exposure and how these may be represented via mathematical modelling.