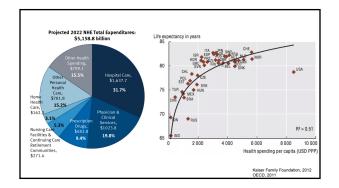
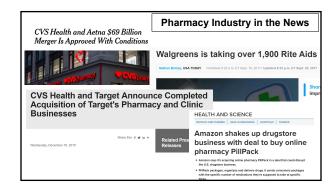


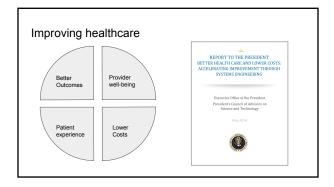
Objectives

- Discuss the current landscape of pharmacy and medication in US healthcare
- Introduce human factors and cognitive engineering models provide examples in pharmacy practice
- Describe current and future research focused on pharmacist work and medication safety

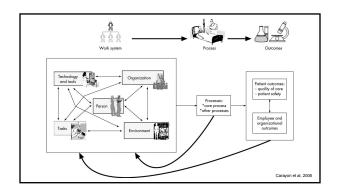




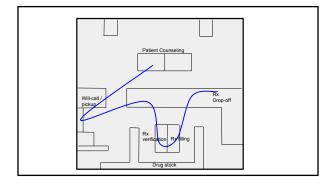
Scope of Medication Safety World Health Organization (WHO) estimates \$42 billion in annual costs Nearly 700,000 ED visits and 100,000 hospitalizations each year in US Progress has been painstakingly slow

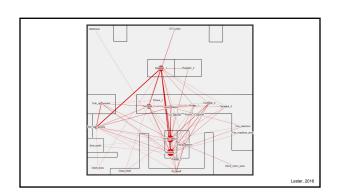


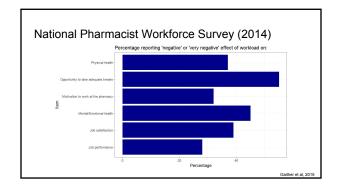
Pharmacy as a work system

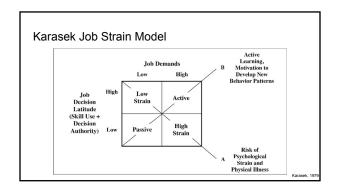




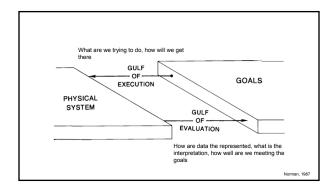


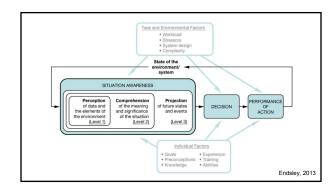


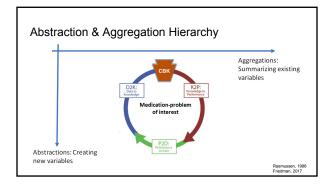




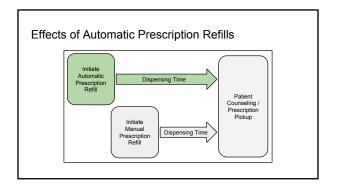
Cognitive engineering approach to data science

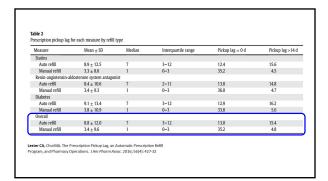


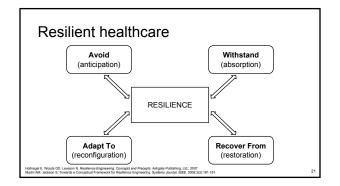


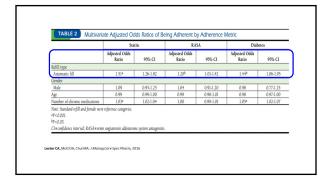


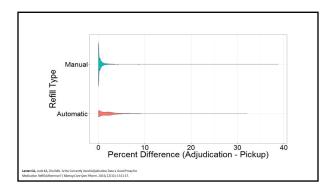
Application in prescription processing and medication adherence

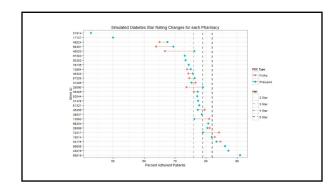




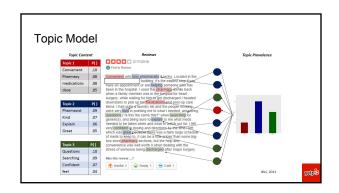


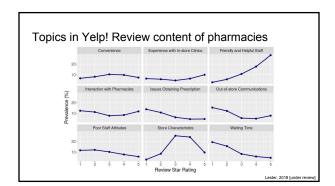


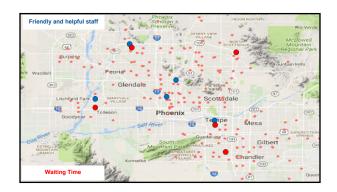




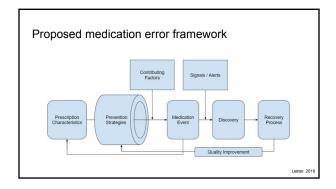
Application in patient experience

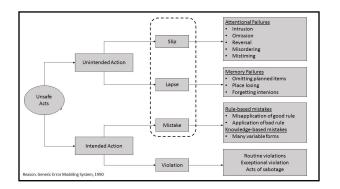




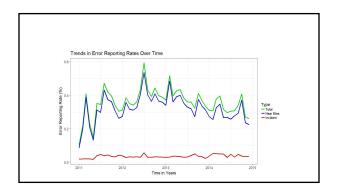


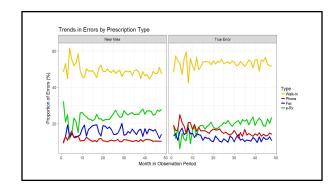
Application in medication errors

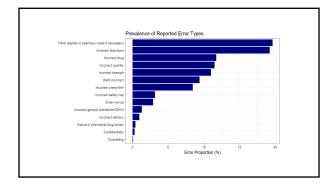


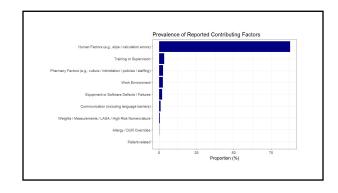


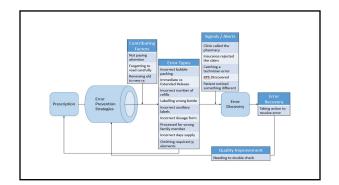












The future of pharmacists' work

