

CORY R. ESTES

265 WEST MAPLE STREET MAPLETON, UT 84664
(801)885-8222 cory.estes@infuse-solution.com

PROFILE

An engineering professional proven in leading and coaching change to create high performing cultures in a broad range of industries. Driven to improve outcomes for people, teams, and companies.

PROFESSIONAL EXPERIENCE

T.D. Williamson, Salt Lake City, UT: 06/22 – present

Senior Director of Engineering: 01/23 – present

Senior Manager of Electrical Engineering: 06/22 – 01/23

Lead engineering efforts and change culture for Global Pipeline Inspection Division of TDW.

- | | | |
|-------------|--|---|
| Innovations | | <ul style="list-style-type: none">• Retool the product development process to deliver small batch size updates to market.• Implement 3 Project Types PDP model |
| Director | | <ul style="list-style-type: none">• Restructure entire department after business line reorg and 33% reduction in force.• Improve system level understanding and cross functional collaboration within business unit• Part of team to deliver double digit positive EBITDA after forecast of negative EBITDA in year 1 |

Infuse Solutions, Provo, UT: 02/22 – present

Owner / Coach: Leadership Coach. Product Development Solutions Consultant.

Tschaggeny Design, Thun, Switzerland: 12/21 – 07/22

Consultant: Medical manufacturing and design opportunity development

Brigham Young University, Provo, UT: 09/19 – present

Adjunct Faculty: 09/19 - present

Capstone Coach. Capstone is the culminating project of a student's Senior year in engineering.

Xenter, Salt Lake City, UT: 12/20 – 12/21

Director of Manufacturing Engineering:

Joined a startup with the assignment to help R&D transfer new interventional cardiology technology to production. When I started the goal was smart guidewires and catheters, when I left the goal was silicon wafer production and voice recognition software.

Arlington Scientific, Springville, UT: 03/19 – 12/20

Chief Technology Officer (CTO - OTA): 03/19 – 12/20

Hired to help solve technical problems and improve reliability of assay detection automated analyzer system. Successfully fixed long standing design issues with analyzer.

Started traveling technician team (grew to 5 people) for analyzer customer service.

BioFire Diagnostics, Salt Lake City, UT: 07/05 – 03/19

Director of Engineering - Innovation: 01/17 – 03/19

Assigned by Senior VP / CTO to role to lead a team focused on finding new and improving current products and processes and finding vendors to partner with for future projects. Lead team of 4.

Director of Engineering - Consumables: 01/15 - 01/17

Assigned by Senior VP / CTO to focus on improving capacity and support for FilmArray consumables production. Lead team of 70+.

Director of Engineering: 6/11 – 01/15

Hired by VP of Engineering for role to establish team organization and processes to support World Class development and manufacture of products. Lead team of 90+

Project Manager: 7/06 – 6/11

Assigned by VP of Engineering to additional duties in project management for growing project.

Design Engineer: 7/05 – 7/08

Electrical design engineer for new projects

National Center for the Design of Molecular Function:

Utah State University, Logan, UT 4/1997 - 9/2004

Invented microbial detection instrumentation using intrinsic fluorescence markers.

EDUCATION

M.S., Electrical Engineering, Utah State University. Logan, Utah. Aug 2000

Research: Instrumentation and Optics

GPA: 3.72/4.00

B.S., Electrical Engineering, Utah State University. Logan, Utah. Aug 1997

Minors: Computer Science, German

GPA: 3.30/4.00

SELECTED PUBLICATIONS * PRESENTATIONS * PATENTS

C. Estes, A. Duncan, B. Wade, C. Lloyd, W. Ellis, Jr., and L. Powers,

- Reagentless Detection of Microorganisms by Intrinsic Fluorescence, *Biosensors & Bioelectr.* 18, 511-19 (2003).
- Molecular Engineering of Sensors for Biological Materials, Proceedings – IEEE/EMBS Special Topics Conference on Molecular, Cellular, and Tissue Engineering June 6-9, 2002, Genoa, Italy.
- Hunting for a Needle in a Haystack: Microbe Capture and Detection, Proceedings of the ISIK 2000 Workshop on Biomedical Information Engineering, ISIK University, MASLAK Istanbul, Turkey, June 2000.

US 11751812 B2: Guidewire for imaging and measurement of pressure and other physiologic parameters
US 11241196 B2: Signal conducting device for concurrent power and data transfer to and from un-wired sensors attached to a medical device.

US 11304659 B2: Operatively coupled data and power transfer device for medical guidewires and catheters with sensors.

PROFICIENCY

Innovation and Product Development Process Expert

Leadership and organizational development

German: Fluent in reading, writing, and speaking

Minitab, Quality Companion (VSM), Matlab, Mathcad, MPLab, TracePro, SolidWorks, Altium, Eagle, Pspice, Powerview, Microsoft Office and Project

OTHER

Graphic Artist and Technical Director – Mapleton Hands to Hearts Community Service Organization
Eagle Scout, Woodbadge, Ham Radio Operator - Extra Class