

# SUE S. FELDMAN, RN, MEd, PhD

## CONTACT INFORMATION

Sue S. Feldman, RN, MEd, PhD  
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## EDUCATION

Doctor of Philosophy, (PhD), May 2011  
Claremont Graduate University, Claremont, CA  
Education  
Information Systems and Technology  
Concentration: Health Informatics  
Dissertation: Public-Private Interorganizational Sharing of Electronic Health Data for Disability Determination

Master of Education (MEd), May 2007  
Claremont Graduate University, Claremont, CA  
Concentration: Educational Technology  
Thesis: Supporting Learning with Technology

Bachelor of Arts (BA), May 2006  
California State University, Bakersfield, Bakersfield, CA  
Major: Liberal Studies  
Minor: Communication

Registered Nurse (RN), February 1982  
Los Angeles County-University of Southern California, School of Nursing, Los Angeles, CA  
California Licensure: March 1982-Current (342799)  
Alabama Licensure: January 2018-Current (1-166428)

## POSITIONS

2020-present	<i>Professor</i> , University of Alabama at Birmingham, School of Health Professions, Birmingham, AL
2020-present	<i>Professor</i> , University of Alabama at Birmingham, School of Medicine, Birmingham, AL
2020-present	<i>Senior Scientist</i> , University of Alabama at Birmingham, Informatics Institute, Birmingham, AL
2019- present	<i>Faculty Scholar</i> , University of Alabama at Birmingham, Center for the Study of Community Health, Birmingham, AL
2016-present	<i>Director</i> , Graduate Programs in Health Informatics, University of Alabama at Birmingham, Birmingham, AL
2016-2020	<i>Associate Professor</i> , University of Alabama at Birmingham, School of Health

Professions, Birmingham, AL

2016-2020 *Associate Professor*, University of Alabama at Birmingham, School of Medicine, Birmingham, AL

2016-2020 *Associate Scientist*, University of Alabama at Birmingham, Informatics Institute, Birmingham, AL

2017-2018 *Interim Director*, Graduate Programs in Healthcare Quality and Safety, University of Alabama at Birmingham, Birmingham, AL

2015-2016 *Adjunct Faculty*, Pepperdine University, Graziadio School of Business and Management, Malibu, CA

2013-2016 *Adjunct Faculty*, University of South Carolina, Arnold School of Public Health, Columbia, SC, 2013-2016

2011-2017 *President*, Applied Research, Evaluation, & Analytics, Inc. (AREA), Richmond, VA

2011-2015 *Post Doctoral Research Fellow*, Claremont Graduate University, Kay Center for e-Health Research, Claremont, CA

2007-2011 *Adjunct Faculty*, University of Maryland, School of Nursing, Baltimore, MD

2007 *Intern*, Social Security Administration, Deputy Commissioner of Systems, Baltimore, MD

2007-2011 *Assistant Director*, Kay Center for E-Health Research, Claremont Graduate University, Claremont, CA, 2007-2011

2006-2007 *Program Coordinator*, Kay Center for E-Health Research, Claremont Graduate University, Claremont, CA, 2006-2007

2001-2006 *Technology Curriculum Development Consultant*, Los Angeles County Office of Education, Los Angeles, CA

2000-2006 *Technology Curriculum Development Specialist*, Newhall School District, Newhall, CA

1985-1999 *Registered Nurse*, Children's Hospital of Los Angeles, Los Angeles, CA

1982-1985 *Registered Nurse*, Los Angeles County-USC Medical Center, Los Angeles, CA

#### **LEADERSHIP DEVELOPMENT**

2019 HERS Leadership Institute

2019 HERS Luce Program for Women in STEM Leadership

2018 UAB Leading at all Levels

2018 Crucial Conversations (3 separate sections)

2018 EQ Assessment

2017 DISC Assessment

## **HONORS**

2011 Hawaii International Conference on System Sciences – Best Paper Award  
2011 Hawaii International Conference on System Sciences – Best Paper Nomination  
2011 HIMSS Southern California – Student Scholarship Award  
2010 Claremont Graduate University – Dissertation Scholarship Award  
2010 American Public Health Association – National Student Research Award

## **RESEARCH AND SCHOLARSHIP**

### **Current Research – Externally Funded**

Funding Organization: CARES Act – Cooperative Agreement  
Title/Objective: Stay Safe Together™  
Role: Principal Investigator  
Project Amount: \$7,124,363  
Project Duration: 2020-2021

Funding Organization: Alabama Power  
Title/Objective: Stay Safe Together™  
Role: Principal Investigator  
Project Amount: \$50,000  
Duration: 2020-2021

Funding Organization: American Cancer Society  
Title/Objective: Identifying novel cancer-related adverse drug reactions on social media: Fluoroquinolone-associated suicides and neuropsychiatric toxicity  
Role: Site Principal Investigator (PI-Dezhi Wu-University of South Carolina)  
Project Amount: \$25,000  
Project Duration: 2020-2021

Funding Organization: Kay Family Foundation  
Title/Objective: helpbeatcovid19.org  
Role: Principal Investigator  
Project Amount: \$10,000  
Project Duration: 2020-2021

Funding Organization: Alabama Department of Mental Health  
Title/Objective: Pilot a Modified Vermont Spoke and hub model for MAT delivery in Perry, Chilton, and Lee Counties  
Role: Principal Investigator  
Project Amount: \$500,000  
Project Duration: 2019-2021

Funding Organization: Alabama Medicaid  
Title/Objective: DCARIS – Develop and implement a web-based Data Collection and Reporting Information System for substance use and abuse recovery  
Role: Principal Investigator  
Project Amount: \$270,000  
Duration: 2019-2021

Funding Organization: Centers for Disease Control and Prevention (CDC) National Center on Health, Physical Activity and Disability

Title/Objective: The central goal of this national practice center (funded by CDC since 1999) is to develop leadership, policy training and telehealth initiatives that support the health and wellness of people with disabilities  
Role: Investigator (PI: James Rimmer-UAB)  
Project Amount: \$2,828,319  
Duration: 2016-2021

### **Current Research – Internal UAB Funding**

Funding Organization: UAB School of Medicine COVID Research Fund  
Title/Objective: Stay Safe Together™  
Role: Principal Investigator  
Project Amount: \$100,000  
Duration: 2020

Funding Organization: UAB School of Medicine COVID Research Grant  
Title/Objective: Helpbeatcovid19.org  
Role: Principal Investigator  
Project Amount: \$25,000  
Duration: 2020

Funding Organization: UAB Center for Outcomes and Effectiveness Research and Education (COERE)  
Title/Objective: The 7-visit Transition of Care Hospital to Home Intervention: A Pilot Study  
Role: Investigator (PI: Hall-UAB)  
Project Amount: \$59,982  
Duration: 2020-2021

Funding Organization: UAB Diabetes Research Center and the UAB Comprehensive Diabetes Center  
Title/Objective: Cardiometabolic Disease Staging System to Improve Medical Management of Obesity and Diabetes in Primary Care Settings: A Feasibility Study  
Role: Investigator (PI: Tapan Mehta-UAB)  
Project Amount: \$50,000  
Duration: 2019-2020

Funding Organization: UAB Center for the Study of Community Health  
Title/Objective: Develop and implement a web-based data collection system for Birmingham Recovery Resource Center  
Role: Principal Investigator  
Project Amount: \$30,000  
Duration: 2018-2020

### **Completed Research**

Funding Organization: UAB Faculty Development Grant  
Title/Objective: use of Social Determinants of Health in Determining Post-Acute Care  
Role: Principal Investigator  
Project Amount: \$8,000  
Duration: 2018

Funding Organization: UAB National Science Foundation (NSF) I/UCRC & Center for Health Organization Transformation Industry Membership Fees  
Title/Objective: Using Socioeconomic and Sociodemographic Variables in the EHR to Predict

Risk of Repeated ED Visits

Role: Project Co-Principal Investigator (PI: Allyson Hall-UAB)

Project Amount: \$8,000

Duration: 2018-2019

Funding Organization: U.S. Social Security Administration, Accenture (Prime)

Title/Objective: The US Social Security Administration uses Health Information Technology to Deliver Value to Healthcare Providers for Uncompensated Care Cost Reduction

Role: Sub Contract Principal Investigator

Project Amount: \$48,000

Duration: 2016

Funding Organization: California State University, San Jose

Title/Objective: Repurposing University Simulation Laboratories for Revenue

Role: Principal Investigator

Project Amount: \$48,000

Duration: 2016

Funding Organization: California State University, San Jose

Title/Objective: Repurposing University Facilities in off hours for Community Health and Wellness

Role: Principal Investigator

Project Amount: \$52,000

Duration: 2016

Funding Organization: HealtheWay (now The Sequoia Project)

Title/Objective: An Evaluation of the Value Proposition of our Nation's Health Exchange, eHealth Exchange

Role: Principal Investigator

Project Amount: \$48,000

Duration: 2014

Funding Organization: City of Petersburg, VA

Title/Objective: Healthy Petersburg2020

Role: Principal Investigator

Project Amount: \$50,000

Duration: 2014-2015

Funding Organization: Centers for Disease Control and Prevention (CDC), SciMetrika (prime)

Title/Objective: The Role of Health Information Exchange for Public Health Practice and Outcomes: A Case Study on Value Proposition

Role: Sub Contract Principal Investigator

Project Amount: \$51,500

Duration: 2013

Funding Organization: US. Health and Human Services, Office of the National Coordinator, HLN (prime)

Title/Objective: San Diego Beacon Health Information Exchange

Role: Sub Contract Principal Investigator

Project Amount: \$125,000

Duration: 2013

Funding Organization: US Health and Human Services, Projects of National Significance, Hampton University (prime)

Title/Objective: Family Access Support Extension Center

Role: Sub Contract Principal Investigator  
Project Amount: \$225,000  
Duration: 2013

Funding Organization: The California Wellness Foundation  
Title/Objective: Development and testing of a health services referral information system for the state of California  
Role: Co-Principal Investigator  
Project Amount: \$100,000  
Duration: 2012-2014

Funding Organization: Virginia Department of Health, MedVirginia (prime)  
Title/Objective: Health Information Exchange Evaluation  
Project Amount: \$520,000  
Role: Sub Contract Principal Investigator  
Duration: 2011-2013

Funding Organization: U.S. Department of Labor, BCT/ICI (prime)  
Title/Objective: Information security, integration, framework development, and testing of a disability health and employment application  
Project Amount: \$300,000  
Role: Sub Contract Co-Principal Investigator (PI: Ben Schooley-University of South Carolina)  
Duration: 2011-2012

Funding Organization: U.S. Department of Labor, BCT/ICI (prime)  
Title/Objective: Design and development of a web-based education and orientation tool for people with disabilities seeking employment  
Project Amount: \$75,000  
Role: Sub Contract Co-Principal Investigator (PI: Ben Schooley-University of South Carolina)  
Duration: 2011-2012

Funding Organization: Wisconsin Medicaid Infrastructure Grant, Center for Medicare and Medicaid Services, U.S. Department of Health and Human Services  
Title/Objective: Feasibility study – development of a gamification application to educate people with disabilities about the benefits and opportunities to obtain gainful employment  
Role: Co-Principal Investigator (PI: Ben Schooley-University of South Carolina)  
Project Amount: \$25,000  
Duration: 2010-2011

Funding Organization: Hawaii Medicaid Infrastructure Grant, Centers for Medicare and Medicaid Services, U.S. Department of Health and Human Services  
Title/Objective: Assessment, design, and development of a “disability to work” estimator tool  
Role: Co-Principal Investigator (PI: Ben Schooley-University of South Carolina)  
Project Amount: \$200,000  
Duration: 2010-2011

Funding Organization: Medicaid Infrastructure Grant, Centers for Medicare and Medicaid Services, U.S. Department of Health and Human Services  
Title/Objective: Design, development, and evaluation of an online disability-to-work case management tool for Employment Networks working under the Social Security Administration’s Ticket-to-Work program  
Role: Co-Principal Investigator (PI: Ben Schooley-University of South Carolina)  
Project Amount: Total: \$205,000 (AZ: \$40,000; CA: \$50,000; IA: \$25,000; MA: \$75,000; RI: \$15,000)

Duration: 2010- 2012

Funding Organization: Special Hope Foundation

Title/Objective: Development of “SmartWorks” Software: A disability employment information system, end-user training and pilot project implementation in California

Role: Co-Principal Investigator (PI: Ben Schooley-University of South Carolina)

Project Amount: \$100,000

Duration: 2010-2011

Funding Organization: The California Wellness Foundation

Title/Objective: Development and testing of a disability health and employment application for the state of California

Role: Co-Principal Investigator (PI: Ben Schooley-University of South Carolina)

Project Amount: \$135,000

Duration: 2010-2012

Funding Organization: Claremont Graduate University

Title/Objective: Dissertation Grant – Public-Private Interorganizational Sharing of Electronic Health Data for Disability Determination

Role: Principal Investigator

Project Amount: \$10,000

Duration: 2010

Funding Organization: U.S. Social Security Administration, Booz-Allen (Prime)

Title/Objective: Consumer Involvement Analysis for Disability Benefits Application to SSA

Role: Sub Contract Principal Investigator

Project Amount: \$28,500

Duration: 2010

Funding Organization: U.S. Social Security Administration, Booz-Allen (Prime)

Title/Objective: SSA MEGAHIT Case Study

Role: Sub Contract Principal Investigator

Project Amount: \$64,500

Duration: 2010

Funding Organization: Kay Family Foundation

Title/Objective: Bridge Funding for Disability and Health IT Research

Role: Co-Principal Investigator (PI: Thomas Horan-Claremont Graduate University)

Project Amount: \$500,000

Duration: 2009-2011

Funding Organization: New York and Wisconsin Medicaid Infrastructure Grants, Centers for Medicare and Medicaid Services, U.S. Department of Health and Human Services, through Cornell University (Prime)

Title/Objective: SmartWorks Software Limited Production Development and Pilot Test

Role: Co-Principal Investigator (PI: Ben Schooley-University of South Carolina)

Project Amount: \$60,000

Duration: 2010

Funding Organization: New York and Wisconsin Medicaid Infrastructure Grants, Centers for Medicare and Medicaid Services, U.S. Department of Health and Human Services, through Cornell University (Prime)

Title/Objective: Technology, Employment, and Health: Grant to investigate the needs of Employment Networks to serve people with disabilities

Role: Co-Principal Investigator (PI: Ben Schooley-University of South Carolina)

Project Amount: \$100,000  
Duration: 2009

Funding Organization: Special Hope Foundation  
Title/Objective: Exploratory research, process re-engineering, and technology gap analysis to improve employment of people with disabilities  
Role: Co-Principal Investigator (PI: Ben Schooley-University of South Carolina)  
Project Amount: \$50,000  
Duration: 2009

Funding Organization: U.S. Social Security Administration, Booz-Allen (Prime)  
Title/Objective: The role of electronic system transmission of medical evidence for SSA disability determination  
Role: Sub Contract Principal Investigator  
Project Amount: \$36,000  
Duration: 2009

Funding Organization: The World Bank  
Title/Objective: Technical and Policy Assistance to the Government of Andhra Pradesh, India for Statewide Disability Assessment System and Policy Analysis  
Role: Co-Principal Investigator (PI: Susan Daniels-Daniels and Associates)  
Project Amount: \$410,000  
Duration: 2008

Funding Organization: Kay Family Foundation  
Title/Objective: Grant to Establish E-Health Research Center at Claremont Graduate University  
Role: Program Manager (PI: Thomas Horan-Claremont Graduate University)  
Project Amount: \$1,000,000  
Duration: 2006-2010

## Publications

### Journal Articles (\*indicates mentored student)

1. Feldman, S.S., Hikmet, N., Modi, S., Schooley, B. (accepted) Impact of Provider Prior Use of HIE On System Complexity, Performance, Patient Care, Quality and System Concerns. Information Systems Journal.
2. **Feldman, S.S.**, Davlyatov, G., Hall, A.G., (accepted) Toward Understanding the Value of Missing Social Determinants of Health Data in Care Transition Planning. Applied Clinical Informatics.
3. Modi, S., Costigan, J., Lemak, M., **Feldman, S.S.** (accepted). Patient Experience in Outpatient Clinics: Does appointment time impact satisfaction? Patient Experience Journal.
4. \*Costigan, J., Lemak, M., **Feldman, S.S.** (2020). Patient Satisfaction in Dermatology Clinics – Does Clinic Type Matter?: Mixed Methods Study. Journal of Medical Informatics Research Dermatology. <http://dx.doi.org/10.2196/17171>
5. Carroll, N., Hall, A., **Feldman, S.S.**, Thirumalai, M., Wade, J.T., Rimmer, J. (2020). Enhancing Transitions from Rehabilitation Patient to Wellness Participant for People with Disabilities: An Opportunity for Hospital Community Benefit.
6. **Feldman, S.S.** (2020). Health Informatics, healthcare quality and safety, and healthcare simulation: continuing the discussion to advance healthcare operations. Health Systems Journal. 1-1.
7. Guerrazzi, C. **Feldman, S.S.** (2020). Health Information Exchange: What Matters at the



Organizational Level? Journal of Biomedical Informatics, Feb; 102:103375.doi: doi: 10.1016/j.jbi.2020.103375

8. **Feldman, S.S.**, Zengul, F., Ozaydin, B., Brazil, V., Hayes, L., Schooley, B. (2019) Introduction to “Health Informatics, Healthcare Quality and Safety, and Healthcare Simulation: The New Triad to Advance Healthcare Operations.” Health Systems Journal. <https://doi.org/10.1080/20476965.2019.1687264>.
9. Davvlyatov, G., Borkowski, N., **Feldman, S.S.**, Qu, H., Burke, D., Bronstein, J., Brickman, A. (2019) Health Information Technology Adoption and Clinical Performance in Community Health Centers. Journal of Healthcare Quality. doi: 10.1097/JHQ.0000000000000231
10. \*Modi, S., Ozaydin, B., Zengul, F. **Feldman, S.S.** (2019) The Emerging Literature for the Triad of Health Informatics, Quality and Safety, and Simulation. Health Systems Journal. *Health Systems Journal*, 1-13. <https://doi.org/10.1080/20476965.2019.1687263>.
11. \*Shivers, L., **Feldman, S.S.**, Hayes, L.W. (2019) Development of a Computerized Paediatric Intensive Care Unit Septic Shock Pathway: Improving User Experience. *Health Systems Journal*, 1-7.
12. **Feldman, S.S.**, Buchalter, S. Hayes, L.W., Zink, D., Slovensky, D. (2019) Training Leaders for a Culture of Quality and Safety. *Leadership in Health Services*, 32(2), 251-263. <https://doi.org/10.1108/LHS-09-2018-0041>
13. **Feldman, S.S.**, \*Cochran, R., Mehta, T. (2019) Predictors of Weight Change: Findings from an Employee Wellness Program. *Frontiers Endocrinology*. 10,77. doi: 10.3389/fendo.2019.00077
14. **Feldman, S.S.**, Bhavsar, G. P. Schooley, B. L., (2018) Consumers’ Perceptions of Health IT Utilization and Benefits. *Journal of American Medical Association (JAMIA) Open*, 2(1), 99-106. doi: 10.1093/jamiaopen/ooy049
15. **Feldman, S. S.**, Buchalter, S., & Hayes, L. W. (2018). Health Information Technology in Healthcare Quality and Patient Safety: Literature Review. *JMIR Med Inform*, 6(2), e10264
16. **Feldman, S.S.** (2018). Health Information Exchange: An Early Model for Value and Sustainability. *JMIR Med Inform*, 6(2), e29. doi: 10.2196/medinform.9299.
17. **Feldman, S.S.**, Houser, S.H. (2017). Automating Health Information Management through Health Information Exchange: An Informatics Approach. *Journal of American Health Information Management Association*, 88(1), 32-35.
18. LeRouge, C., \*Hirsch, J., **Feldman, S.S.**, Bass, A. (2016). Interstate Health Information Exchange: Understanding Value Propositions and Challenges. *Journal Innovation and Entrepreneurship in Health*, 3,69.
19. \*Steckler, L., **Feldman, S.S.** Watts, C. (2015). Forming a Physician Led Accountable Care Organization: From Application to Implementation. *American Journal of Accountable Care*. 3(3), e3.
20. **Feldman, S.S.**, Schooley, B.L., Bhavsar, G.P. (2014). Health Information Exchange Implementation Lessons Learned and Critical Success Factors from a Case Study. *Journal of Medical Internet Research Medical Informatics*, 2(2), e19.
21. **Feldman, S.S.** Horan, T.A., Drew, D. (2012). Understanding the Value Proposition of Health Information Exchange: The Case of Uncompensated Care Cost Recovery, *Health Systems Journal*, 2(2), 134-146
22. Schooley, B.L., **Feldman, S.S.**, \*Alnosayan, N. (2012). Development of a Disability

- Employment Information System: An Information Systems Design Theory Approach, e-Service Journal: A Journal of Electronic Services in the Public and Private Sectors, 8(2), 57-83.
23. **Feldman, S.S.**, Horan, T., Al-Buhairan, F., Lytle, N., and Tulu, B. (2011). Information Systems for Disability: A multi-stakeholder assessment of medical evidence needs and processes. *Communications of the Association for Information Systems*, 29(1), 18.
  24. **Feldman, S. S.**, & Horan, T. A. (2011). Collaboration in Electronic Medical Evidence Development: A Case Study of the Social Security Administration's MEGAHIT System. *International Journal of Medical Informatics*, 80(8), e127-e140.
  25. **Feldman, S.S.**, and Horan, T. (2011). The Dynamics of Information Collaboration: A Case Study of Blended IT Value Propositions for Health Information Exchange in Disability Determination. *Journal of the Association for Information Systems*, 12(2), 189.
  26. Chismar, W., Horan, T., Hesse, B., **Feldman, S.S.**, and Shaikh, A. (2011). Cyberinfrastructure for Public Health and Health Services: Toward Use-Inspired Research and Practice Collaboration. *American Journal of Preventive Medicine*, 40(5), S108-114.
  27. Horan, T., Daniels, S., & **Feldman, S.S.** (2009). The Prospective Role Personal Health Records in Streamlining and Accelerating the Disability Determination Process. *Disability and Health Journal*, 2(3), 153-157.
  28. **Feldman, S.S.**, Figge, HL, Molina, SL, O'Neil, RD., (2008). Closing a Life-Threatening Gap. *Advance for HealthCare Executives*, 12(2), 38-42.

### Book Chapters

1. Dorsey, A., Bruck, M., **Feldman, S.S.** (in press). Applied Informatics for Health IT Managers In: Berner, E., editor. *Informatics Education in Healthcare: Lessons Learned*, 2<sup>nd</sup> Edition. Ch. 4.
2. Khairat, S. **Feldman, S.S.** (in press). Baccalaureate Health Informatics Education In: Berner, E., editor. *Informatics Education in Healthcare: Lessons Learned*, 2<sup>nd</sup> Edition. Ch. 6.
3. **Feldman, S.S.**, Boren, S., Tesch, L., Valenta, A. (in press). Accreditation of Health Informatics Programs In: Berner, E., editor. *Informatics Education in Healthcare: Lessons Learned*, 2<sup>nd</sup> Edition. Ch. 17.
4. Schooley, B., **Feldman, S.S.**, Tipper, B. (2020). A Unified Framework for Human Centered Design of a Substance Use, Abuse, and Recovery Support System. In: Kalra, J., Lightner, N.J., editors. *Advances in Human Factors and Ergonomics in Healthcare and Medical Devices*
5. **Feldman, S.S.**, Buchalter, S., Hayes-Wynn, L. (2019). Health Informatics in Healthcare Quality and Safety In: Joshi, M., Ransom, E., Nash, D, editors. *The Healthcare Quality Book: Vision, Strategy, and Tools*, 4<sup>th</sup> Edition.
6. Kelley, K., **Feldman, S.S.**, Gravely, S. (2016). Governance Models in Health Information Exchange In: Dixon B.E., editor. *Health Information Exchange: Navigating and Managing a Network of Health Information Systems. Awarded HIMSS Book of the Year*
7. **Feldman S.S.** (2016). Value Proposition of Health Information Exchange. In: Dixon B.E., editor. *Health Information Exchange: Navigating and Managing a Network of Health*

Information Systems. Awarded HIMSS Book of the Year

### **Technical and Consulting Reports**

1. **Feldman, S.S.** (2015). *Healthy Petersburg 2020*. Prepared for the City of Petersburg, VA.
2. Schooley, B, and **Feldman, S.S.** (2015). *Employment Related Healthcare Referral System for People with Disabilities in the Workforce*. Prepared for The California Wellness Foundation.
3. **Feldman, S.S.** (2014), *ConnectVirginia Summative Evaluation*. Prepared for the Commonwealth of Virginia Department of Health.
4. **Feldman, S.S.** (2014). *ConnectVirginia Consumer Survey Findings*. Prepared for the Commonwealth of Virginia Department of Health.
5. **Feldman, S.S.** (2013). *ConnectVirginia Implementation Evaluation*. Prepared for the Commonwealth of Virginia Department of Health.
6. **Feldman, S.S.** (2013). *ConnectVirginia Evaluation and Metrics Annual Report*. Prepared for the Commonwealth of Virginia Department of Health.
7. **Feldman, S.S.**, Matthews, M., Dantona, C., (2013). *Creating a Healthier Petersburg: Improving Access to Health Care for Citizens*. Prepared for the City of Petersburg, VA (Healthy Petersburg 2020 Initiative).
8. Feldman, S.S. (2013). San Diego Beacon Health Information Exchange, Secure Direct Messaging and Query and Retrieve for Regional Health Information Exchange. Prepared for the San Diego Regional Health Information Exchange.
9. **Feldman, S.S.** and Pawolski, R. (2012). *Evaluation of a Family Access Support Extension Center*. Prepared for Hampton University for HHS Projects of National Significance.
10. Schooley, B, and **Feldman, S.S.** (2012). *Employment Related Healthcare Referral System for People with Disabilities in the Workforce*. Prepared for The California Wellness Foundation.
11. **Feldman, S.S.** (2012). *ConnectVirginia Evaluation and Metrics Annual Report*. Prepared for the Commonwealth of Virginia Department of Health.
12. **Feldman, S.S.** and Schooley, B. (2012). *SmartWorks Training Development and California Pilot for Employment Networks*. Prepared for The Special Hope Foundation.
13. **Feldman, S.S.** and Schooley, B. (2011). *SmartWorks Development and Nationwide Pilot Implementation for Employment Networks*. Prepared for US Department of Health and Human Services Medicaid Infrastructure Grant Programs.
14. Schooley, B., and **Feldman, S.S.** (2010). *SmartWorks: Ticket Tracking Tool Visualization*. Prepared for Cornell University, The Special Hope Foundation, and the New York and Wisconsin Medicaid Infrastructure Grant Programs.
15. Schooley, B., and **Feldman, S.S.** (2010). *SmartWorks: A Detailed Use Case for a Smart Solution for Employment Networks*. Prepared for Cornell University, The Special Hope Foundation, and the New York and Wisconsin Medicaid Infrastructure Grant Programs.
16. Schooley, B., **Feldman, S.S.**, Daniels, S., and Butz, B. (2010). *Hawaii to Work: Business Requirements Document for a Disability Work Incentives Educator Tool*. Prepared for Hawaii Medicaid Infrastructure Grant, University of Hawaii.
17. **Feldman, S.S.**, and Horan T. (2010). Using the Nationwide Health Information Network to Deliver Value to Disability Claimants: A Case Study of Social Security Administration use of MEGAHIT for Disability Determination, Washington, DC: Prepared for the Social Security

Administration.

18. Horan, T., Elias, E., Lytle, N., Gaeta, R., and **Feldman, S.S.**, (2010). Using Health IT to Improve Claimant Experiences during Disability Determination Business Process: Findings, Recommendations, and Action Plan. Washington, DC: Prepared for the Social Security Administration.
19. Schooley, B. and **Feldman, S.S.**, (2009). *SmartWorks: A Smart Solution for Employment Networks*. Prepared for Cornell University, The Special Hope Foundation, and the New York and Wisconsin Medicaid Infrastructure Grant Programs.
20. **Feldman, S.S.**, and Horan, T. (2009). MEGAHIT Case Study: A Multi-Dimensional Analysis of Electronic Medical Evidence Systems for Disability Determination, Washington, DC: Prepared for the Social Security Administration.
21. Daniels, S., **Feldman, S.S.**, Sen, S. (2008). *Social Security Certificate Determination for Andhra Pradesh: Report of a Scoping Analysis*, Washington, DC: Prepared for The World Bank.
22. Schooley, B., Horan, T., and **Feldman, S.S.** (2008). *Vital Health Data for Emergencies*. Irvine, CA: Prepared for VitalData Technology.

#### Conference Presentations/Posters

1. Gray, H., Liang, W., **Feldman, S.S.** Why is Spiritual Care Documentation not being used Across the Care Continuum? *American Medical Informatics Association*. November 14-18, 2020. Virtual.
2. **Feldman, S.S.**, Hess, E. (2020). Creating a Healthy Nation: Understanding Data Collection to aid with Opioid Screening, Diagnosis, and Treatment. *American Public Health Association*. October 24-28, 2020. Virtual.
3. **Feldman, S.S.**, Tipper, B., Schooley, B. (2020) The role of certified peer support specialists (CPS) to aid with opioid use recovery. *American Public Health Association*. October 24-28, 2020. Virtual.
4. Cochran, R. **Feldman, S.S.** (2020). Factors Influencing use of Behavioral Health Information in Health Information Exchange. *American Public Health Association*. October 24-28, 2020. Virtual.
5. **Feldman, S.S.**, Tipper, B., Schooley, B. (2020). Community based participatory research in opioid use: design of an informatics solution. ICCHI 2020: *International Conference on Clinical and Health Informatics*. September 8-9, 2020. Singapore, SG. Virtual.
6. Martin, H., Modi, S., **Feldman, S.S.** (2020) Barriers and Facilitators to PDMP IS Success in the US. *Proceedings of the Annual Americas Conferences on Information Systems (AMCIS)*. August 13-15, 2020. Virtual.
7. Cochran, R. **Feldman, S.S.** (2020) Information Systems in the Behavioral Health Context. *Proceedings of the Annual Americas Conferences on Information Systems (AMCIS)*. August 13-15, 2020. Virtual.
8. **Feldman, S.S.**, Kennedy, K., Nafziger, S., Orewa, G., Kpombrekou-Ademawou, E., Hearld, R., Hall, A. (2020) Critical Success Factors for Addressing Discharge Inefficiency at a Large Academic Medical Center: A Lean Six Sigma Approach. *European Academy of Management*. December 4-6, 2020. Dublin, Ireland.
9. **Feldman, S.S.**, Tipper, B., Schooley, B. (2020) A Framework for Developing a Substance Use, Abuse, and Recovery Web-Based Application. *Southern Association of Information*

- Systems*. September 14-16, 2020. Myrtle Beach, SC.
10. **Feldman, S.S.**, Davlyatov, G., Hall, A. (2020) Finding Value in Missing Social Determinants of Health Data. *Academy Health*. July 28-Aug 6, 2020. Virtual.
  11. Karabukayeva, A. Davlyatov, G. Hall, A. **Feldman, S.S.** (2020) Social Determinant Factors Associated with Discharge Against Medical Advice. *Academy Health*. July 28-Aug 6, 2020. Virtual.
  12. Schooley, B., Tipper, B., **Feldman, S.S.** (2020) A Unified Framework for Human Centered Design of a Substance Use, Abuse, and Recovery Support System. *International Conference on Applied Human Factors and Ergonomics*. July 16-20, 2020. Virtual.
  13. Majkowski, G., **Feldman, S.S.**, (2020) Getting in Front of Cybersecurity Frameworks with a Cyber Vulnerability Profile: Assessing Risk from a Different Perspective. *Proceedings of the Annual Symposium for the American Medical Informatics Association Clinical Informatics Conference (AMIA)*. May 19-21, 2020. Virtual.
  14. **Feldman, S.S.**, Boren, S., Mosley, D.E., Garza, C.B, Berner, E.S. (2019) Tracking AMIA Health Informatics Educational Domains: Lessons Learned from a Pilot Test. *Proceedings of the Annual Symposium for the American Medical Informatics Association Clinical Informatics Conference (AMIA)*. November 16-20, 2019. Washington, DC.
  15. Demirbas, A., Davlyatov, G., Hall, A., **Feldman, S.S.** (2019) 30-day readmission rates of patients discharged against medical advice. *American Public Health Association*. November 3-6, 2019. Philadelphia, PA (poster)
  16. Karabukayeva, A., **Feldman, S.S.**, Hall, A. (2019) Urban versus rural lifestyle: Associations between physical activity level, health condition, gender and race. *American Public Health Association*. November 3-6, 2019. Philadelphia, PA
  17. **Feldman, S.S.**, Garza, C.B., Berner, E. (2019) Using Canvas to Track AMIA Health Informatics Educational Domains for CAHIIM Accreditation: Lessons Learned from a Pilot Test. *AMIA Informatics Educators Forum*. June 17-20, 2019. St. Louis, MO.
  18. **Feldman, S.S.**, (2019) Demystifying Accreditation. *AMIA Informatics Educators Forum*. June 17-20, 2019. St. Louis, MO.
  19. Valenta, A., Berner, E., Boren, S., **Feldman, S.S.**, Johnson, T., Jones, J. (2019) Defining, Achieving, and Assessing Competencies across the AMIA Foundational Domains. *AMIA Informatics Educators Forum*. June 17-20, 2019. St. Louis, MO.
  20. **Feldman, S.S.**, Schooley, B. Galbraith, J., Muir, S. (2019) The Data Collection and Reporting Information System for Opioid Peer Support Specialist (DCARIS-OPS). *Proceedings of the Annual Symposium for the American Medical Informatics Association Clinical Informatics Conference (AMIA)*. April 30-May 2, 2019. Atlanta, GA. (poster)
  21. **Feldman, S.S.** (2019) Identifying, Organizing, and Mobilizing Resources for a Successful Accreditation. CAHIIM Annual Meeting for Program Directors. April 15-16, 2019. Chicago, IL.
  22. **Feldman, S.S.**, Cochran, R., Mehta, T. (2018) Predictors of Weight Change: A Retrospective Analysis. *Obesity International*. November 11-15, 2018. Nashville, TN.
  23. **Feldman, S.S.**, Nassel, A., Schooley, B. Muir, S. Galbraith, J. (2018) Using Information Systems to Address the Opioid Crises. *Proceedings of the Annual Americas Conferences on Information Systems (AMCIS)*. August 16-17, 2018. New Orleans, LA
  24. **Feldman, S.S.**, Modi, S., (2018) Value of Electronic Health Records since HITECH: A

- Literature Review. *Proceedings of the Annual Americas Conferences on Information Systems (AMCIS)*. August 16-17, 2018. New Orleans, LA
25. **Feldman, S.S.**, Ozaydin, B., Manne, U. (2018) Design of a Colorectal Cancer Data Warehouse. *Proceedings of the Annual Americas Conferences on Information Systems (AMCIS)*. August 16-17, 2018. New Orleans, LA
  26. Ozaydin, B., Zengul, F., **Feldman, S.S.** (2018) Text-mining Analysis of Research at The Intersections of Healthcare Quality and Safety, Informatics, And Simulation. *Proceedings of INFORMS International*. June 17-20, 2018. Taipei, Taiwan.
  27. Zengul, F., Ozaydin, B., **Feldman, S.S.** (2018) Health Informatics, Quality and Patient Safety, and Simulation: A Systematic Review. *Proceedings of INFORMS International*. June 17-20, 2018. Taipei, Taiwan.
  28. \*Shivers, L., **Feldman, S.S.**, Hayes, L.W. (2018) Implementation of a Septic Shock Protocol. *Proceedings of INFORMS International*. June 17-20, 2018. Taipei, Taiwan.
  29. Mayner, S., **Feldman, S.S.**, (2018) Interoperating with SSA for SSDI: The case of uncompensated care cost avoidance. HIMSS Annual Conference. March 4-8, 2018. Las Vegas, NV.
  30. Ozaydin, B., **Feldman, S.S.**, Dorsey, A., Berner, E. (2017). Innovative Approaches in Informatics Education. *Proceedings of the Annual Symposium for the American Medical Informatics Association (AMIA)*. November 4-7, 2017. Washington, DC. (poster)
  31. Ozaydin, B, Zengul, F. **Feldman, S.S.** (2017). Building an Enterprise Data Warehouse for Health Services Researchers. *Proceedings of INFORMS Healthcare*. July 23-25, 2017. Rotterdam, Netherlands.
  32. Houser, S., **Feldman, S.S.**, Designing Capstone Projects for HI/HIM Graduate Students. AHIMA Assembly on Education-Faculty Development Institute. July 30-August 2, 2017. Anaheim, CA.
  33. **Feldman, S. S.**, Schooley, B. L., Hikmet, N. (2016). Effects of Health Information Exchange on the Process Of Care, Patient Care Delivery, Administrative Productivity, And Population Health Outcomes. *Proceedings of INFORMS*. November 13, 2016, 2016. Nashville, TN.
  34. **Feldman, S.S.**, Schooley, B.L., Bhasvar, G.P. (2014). Health Information Exchange Implementation Lessons Learned and Critical Success Factors: A Case Study. *Proceedings of Medicine 2.0*. October 9-10, 2014. Malaga, Spain.
  35. **Feldman, S.S.** (2013). Creating Healthier Populations One Metric at a Time: Findings from an Employee ACO Initiative. *Proceedings of the Annual Symposium for the American Medical Informatics Association (AMIA)*. November 16-20, 2013. Washington, DC.
  36. **Feldman, S.S.**, Kott, K. and Pawloski, R. (2013). Bridging Policy and Practice: Piloting a Family Support Center for Early Screenings. *Proceedings of the Annual International Conference on Young Children with Special Needs and Their Families*. October 16-18, 2013. San Francisco, CA.
  37. **Feldman, S.S.**, and Schooley, B. (2012). SmartWorks: Enabling Efficiency and Effectiveness in SSA's Ticket-to-Work Program. *Proceedings of the Pacific Rim International Conference on Disability and Diversity*. March 26-27, 2012. HI.
  38. Lytle, N., **Feldman, S.S.**, Horan, T.A. (2012). Investigation of a Consumer Focused Health IT System: The Role of Claimant Information in the Social Security Determination Process.

- Proceedings of the Hawaii International Conference on System Sciences*. January 5-8, 2012. HI.
39. Baru, C., Botts, N. Horan, T.A., Patrick, K., **Feldman, S.S.** (2012). A Seeded Cloud Approach to Health Cyberinfrastructure: Preliminary Architecture Design and Case Applications. *Proceedings of the Hawaii International Conference on System Sciences*. January 5-8, 2012. HI.
  40. Schooley, B., **Feldman, S.S.** (2011). Extending SugarCRM for Building and Integrating a Large Scale Federal Level Application. *Open Source India*. November 20-22, 2011. Bangalore, India.
  41. Schooley, B., **Feldman, S.S.** (2011). Extending SugarCRM for Building a Large Scale Federal Level Application. *O'Reilly Open Source Conference (OSCON)*. July 25-29, 2011. Portland, OR.
  42. **Feldman, S.S.**, Horan, T., (2011). Cyberinfrastructure for Secondary Use of EHR Data: SSA's Use of the Nationwide Health Information Network. *Proceedings of the Hawaii International Conference on System Sciences*. January 4-7, 2011. Kauai, HI, (*Best Paper Award*)
  43. Schooley, B., **Feldman, S.S.**, Alnosayan, N. (2011). Development of a Disability Employment Information System: An Information Systems Design Theory Approach System Sciences. *Proceedings of the Hawaii International Conference on System Sciences*. January 4-7, 2011. Kauai, HI, (*Best Paper Nomination*)
  44. Schooley, B., McClintock, R. Lee, Y., **Feldman, S.S.**, Hilton, B. (2010). Improving IT Enabled Continuity of Care Across Pre- Hospital and Hospital Setting. *Proceedings of the Sixteenth Americas Conference on Information Systems*. August 12-15, 2010. Lima, Peru.
  45. **Feldman, S.S.**, & Horan, T. (2009). Electronic Health Information Systems for People with Disabilities. *Proceedings of the American Public Health Association - Annual Meeting and Exposition*. Nov 7-11, Philadelphia, PA.
  46. Lytle, N., **Feldman, S.S.**, & Horan, T. (2009). Medical Evidence Information Flows for Disability Determination: An In-depth Claimant Perspective. *Proceedings of the American Medical Informatics Association Symposium*. Nov 14-18, San Francisco, CA.
  47. **Feldman, S.S.**, & Horan, T. (2009). Intelligent Request and Release of Information for Disability Determination. Paper presentation at the California Health Informatics Association-AHIMA Annual Conference. Jun 14-17, Palm Springs, CA.
  48. **Feldman, S.S.**, Horan, T., Al-Buhairan, F., Lytle, N., & Tulu, B. (2009). Health Information Technology Tools for Vulnerable Populations: Improving the Disability Determination Process. *Proceedings of the American Medical Informatics Association Spring Congress*. May 28-30, Orlando, FL.
  49. **Feldman, S.S.**, & Hersh, W. (2008). Informatics Training of Health Care Professionals: Toward AMIA's 10x10 Goal. *Proceedings of the American Medical Informatics Association Symposium*. Nov 1, Washington, DC.
  50. Tulu, B., Daniels, S., **Feldman, S.S.**, Horan, T. (2008). Role of Health Information Technology in Disability Determinations: When Medical Records become Medical Evidence. *Proceedings of the American Medical Informatics Association*. Nov 1, Washington, DC. (*poster*)
  51. **Feldman, S.S.**, & Hersh, W. (2007). Evaluating the AMIA-OHSU 10x10 Program to Train Health Care Professionals. *Proceedings of the American Medical Informatics Association*.

Nov 10-14, Chicago, IL. (*poster*)

### **Invited and Guest Presentations**

#### **Invited Keynote**

1. Gulf Coast HIMSS. November 2019. Invited Keynote. "Using a Community Based Participatory Approach to Opioid Treatment."
2. Qatari Government. September 2013. Invited Keynote. "The e-Health Dialogues for Qatar: Health Information Exchange."
3. New York Choose Work Conference. November 2010. Invited Keynote. "Improving Employment Network Business Processes using Information Technology."

#### **Invited Guest Speaker**

1. Medical Education Speakers Network. February 2019. "The Culture of Safety."
2. Medical Society of Virginia. October 2012. Physician Leaders Discussion Panel. "Health Information Exchange in the Community Practice."
3. Institute for Cognitive Innovation. November 2011. Thought Leaders Conference. "Health Information Exchange for People with Disabilities."
4. Office of the National Coordinator for Health Information Technology. October 2011. Invited briefing on "Public-Private Interorganizational Sharing of Health Data for Disability Determination."
5. The California Wellness Foundation. September 2011. Work and Health Conference. "Employment Networks as Sub Contractors to the US Social Security Administration."
6. Social Security Administration, Office of the CIO. May 2011. Invited briefing on "Public-Private Interorganizational Sharing of Health Data for Disability Determination."
7. MedVirginia. May 2011. Invited briefing on "Public-Private Interorganizational Sharing of Health Data for Disability Determination."
8. Los Angeles Choose Work Conference. October 2010. Invited presentation on "Improving Employment Network Business Processes using Information Technology."
9. Pittsburgh National Medicaid Infrastructure Grant Conference. April 19-20, 2010. Invited presentation on "SmartWorks: The Missing Link to fulfill the Promise of the Ticket to Work Legislation."
10. NHIN CONNECT: Meeting of the Federal Partners. April 28-May 2, 2008. Invited presentation on "The use of Nationwide Health Information Network for Medical Evidence Collection with Federal Partners."

### **Panel Presentations**

1. AL HIMSS (2019). Leading Information Safety - Planning for Data Privacy and Security. April 24, 2019. Huntsville, AL. (panelist)
2. Academy Health Health Datapalooza (2018). Maintaining Operations When Operations Fail: A Cybersecurity Perspective. Apr 25-27. Washington, DC. (moderator)
3. Society of General Internal Medicine (2018). Advances in Healthcare Quality and Safety at the Intersection of Education and Health IT. Apr 11-13. Denver, CO. (panelist)
4. NCQA Digital Quality Summit (2017). Data Quality, Quality Measurement and Value-Based



- Care: How Do the Pieces Fit Together? Nov 1-2, Washington, DC. (panelist)
5. National Symposium for Healthcare Executives (2017). Maintaining Operations When Operations Fail: A Cybersecurity Perspective. Aug 9-11, Destin, FL. (moderator)
  6. National Symposium for Healthcare Executives (2017). Disruptive Innovation. Aug 9-11, Destin, FL (moderator)

## Media

1. Consumer Reports (2020). COVID-19 Apps Could Slow the Pandemic. Here's Why They Still Haven't Been Released. (<https://www.consumerreports.org/coronavirus/covid-19-contact-tracing-apps-could-slow-pandemic-but-delayed-release/>)
2. National Public Radio (WBHM) (2020). Privacy concerns Decrease Amid Launch of Tech Giants' Contact Tracking App (<https://wbhm.org/feature/2020/privacy-concerns-decrease-amid-launch-of-tech-giants-contact-tracing-app/>)
3. US News (2020). University of Alabama to Push Contact Tracing App, Require Online Health Checks (<https://www.usnews.com/news/us/articles/2020-05-21/university-of-alabama-to-push-contact-tracing-app-require-online-health-checks>)
4. New York Times (2020). University of Alabama to Push Contact Tracing App, Require Online Health Checks (<https://www.nytimes.com/reuters/2020/05/21/technology/21reuters-health-coronavirus-alabama-apps.html?smid=fb-share>)
5. Birmingham News (2020). What are your symptoms? (print and online) (<https://www.al.com/news/2020/04/what-are-your-symptoms-help-track-the-spread-of-coronavirus-in-alabama.html>)
6. AL.com (2020). (Facebook TV and online) What are your symptoms? Help track the spread of coronavirus in Alabama. <https://www.al.com/news/2020/04/what-are-your-symptoms-help-track-the-spread-of-coronavirus-in-alabama.html>
7. ABC National News Radio (2020). Tracking your COVID-19 symptoms – Map it. Zap it.
8. National Public Radio (WBHM) (2020). New Coronavirus Tracker Hopes to Locate Hotspots in Rural, Underserved Areas. <https://wbhm.org/feature/2020/new-coronavirus-tracker-hopes-locate-hotspots-underserved-areas/>
9. Good Morning America – WBMA (2020). UAB launches new COVID-19 tracking website.
10. Good Morning America (2019). Apple charges ahead into medical research; introduces Research app. <https://www.goodmorningamerica.com/wellness/story/apple-charges-ahead-medical-research-introduces-research-app-66985905>
11. Birmingham Business Journal (2018). UAB partners with Miles College for master's degree program. <https://www.bizjournals.com/birmingham/news/2018/05/03/uab-partners-with-miles-college-for-masters-degree.html>

## Software Products (Directed or Co-Directed)

### 1. Stay Safe Together™ Chat Bot:

Client/Funder: Originally built for use by UAB students as part of the global UAB reentry

plan. Later adopted by

Technologies:

**2. Stay Safe Together™ Event Passport System:**

Client/Funder: Originally built for the University of Alabama Athletic Department

Technologies:

**3. Stay Safe Together™ Proximity and Contact tracer:**

Client/Funder: Alabama Department of Public Health funded by UAB Department of Information Technology

Technologies: iOS app: Objective-C/Swift consuming Apple's Exposure Notification API  
Android: Kotlin/Java consuming Google's Exposure Notification API, Azure Services, Docker Linux, Node.js, Git, Jenkins, Elliptic Curve Digital Signature Algorithm, Apple DeviceCheck API, Google SafetyNet Attestation API

**4. COVID-19 Assessment Tool:** Institutional facing COVID-19 assessment tool that is legal and HR aligned for use by organizations and enterprises in providing re-entry and long-term monitoring of symptoms and exposure to COVID-19.

Client/Funder: Originally built as an integral part to UAB's master pandemic reentry plan. Later, used across the University of Alabama system. Initially as a volunteer effort, later supported with grants from the School of Medicine and philanthropic gifts.

Technologies: Laravel, PHP, JQuery, MySQL, Qualtrics, Microsoft Azure

**5. helpbeatCOVID19.org:** Public facing web-based survey application for collection of demographics and social determinants data during the COVID-19 pandemic. The application was built to address the hard to reach rural communities in Alabama and the deep south where underlying conditions prevalent in the deep south were shown to contribute to poor COVID-19 outcomes. Quickly became widespread with national use.

Client/Funder: Initially, this was a volunteer effort with non-funded support from the Alabama Department of Public Health. Later supported with a grants from the Kay Family Foundation, UAB School of Medicine, and School of Health Professions Dean's Fund.

Technologies: Laravel, PHP, JQuery, MySQL, Qualtrics, Microsoft Azure

**6. DCARIS: A Data Collection and Reporting Information System:** Web-based application for in the field data collection by peer support specialists in Alabama.

Client/Funder: CDC Community Development Grant, Alabama State Medicaid Agency (Collaborative funding model)

Technologies: Foundation Framework, HTML5/CSS/Javascript, Django/Python

**7. SmartWorks:** Client management, decision support, progress tracking, and reporting tool to help Social Security Administration (SSA) subcontractors (case workers) assist people with disabilities find, obtain, and retain employment. Currently being implemented in over 100 employment centers across 15 states.

Client/Funder: Medicaid Infrastructure Grants, Centers for Medicare and Medicaid Services, U.S. Department of Health and Human Services; Special Hope Foundation; The California Wellness Foundation. (Collaborative funding model)

Technologies: SugarCRM, PHP, MySQL, Linux, Apache, BIRT, JBOSS, Amazon Web

## Services

8. **Work and Health Estimator Tool:** Online consumer-oriented education and assessment tool for people with disabilities to estimate impacts of employment on their health benefits (i.e., Medicaid), household income, and other state and federal benefits.

Client/Funder: Hawaii Medicaid Infrastructure Grant, Centers for Medicare and Medicaid Services, U.S. Department of Health and Human Services (Collaborative funding model)

Technologies: Microsoft .NET, SQL Server, Windows Server, IIS, Javascript, JQuery, Drupal CMS, Amazon Web Services

9. **SmartStart:** Online education, orientation and client intake tool for people with disabilities seeking employment services at Department of Labor employment centers.

Client/Funder: U.S. Department of Labor

Technologies: Linux, MySQL, Apache, PHP, Amazon Web Services

## TEACHING AND STUDENT MENTORING

### Teaching – University of Alabama at Birmingham

2019	HI 686 Leadership Theory and Practice (Graduate Core)
2018-2019	HI 725 Health Information Systems Theory and Practice (HI PhD Track Core) – (course development and teaching)
2017-2019	HI 654 Capstone Course (Graduate Core) (course development and teaching)
2017-2019	HI 664 Capstone Course (Graduate Core) (course development and teaching)
2017-present	Guest Lecturer Professional Practice – University of Alabama at Birmingham, School of Health Professions, Department of Physical Therapy (DPT)
2017-current	HI 685 Principles in Health Informatics (Graduate Core) MSHI (course development and teaching)
2017-current	HI 685 Principles in Health Informatics (Clinical Informatics Certificate) (course development and teaching)
2017	AH 780 Health Information Systems (AH PhD Elective)

### Teaching – Other

2015-2016	IS TM654 Information and Process Systems (Graduate Core) – Pepperdine University, MBA/EMBA
2007-2011	N405 Nursing Informatics (Undergraduate Core) – University of Maryland, Baltimore, School of Nursing
2018	Guest Lecturer Healthcare Data Analytics – Auburn University, Health Services Administration, Department of Political Science (BS – Health Administration)
2017	Guest Lecturer Health Information Technology – Auburn University, Health Services Administration, Department of Political Science (BS – Health Administration)
2012	Guest Lecturer Quality Improvement in Healthcare – California State University, Northridge, College of Health and Human Development (MHA)
2012	Guest Lecturer Health Information Exchange for Public Health Practice and Outcomes – University of South Carolina, Arnold School of Public Health

(MHIT)

- 2011 Guest Lecturer Evaluation Methods for Health Information Systems –  
University of South Carolina, School of Health Services and Policy Management  
(MHIT)
- 2010 Guest Lecturer Personal Health Records in Disaster Management – University  
of Southern California, Keck School of Medicine (Medical School)

## Student Mentoring

### Current

Name/Institution	Year Completed	Title or Topic	Role
Modi, Shikha UAB School of Health Professions	Expected Fall 2020	Finding Value in EHR Use: One Academic Medical Center's Story	PhD Dissertation Chair
Thornbury, Neil UAB School of Health Professions	Expected Fall 2020	Primary Care mTelehealth Applied through the Principles of Lean to Evaluate Health Care Delivery for Chronic Disease Care	DSc Committee Member
Ann Monahan Cork Teaching Hospitals (International)	Expected Fall 2021	Early Prediction of Imminent Hospital Admission of Adult ED Patients through Utilization of Data Collected Early in the Visit, at Triage, and at Registration: Preliminary Data Evaluation and Model Development to Reduce ED Crowding in US EDs	PhD Dissertation Member
Tipper, Bradley UAB School of Health Professions	Expected Spring 2020	Development of The Data Collection and Reporting Information System for Opioid Peer Specialist (DCARIS-OPS): An Alabama Statewide Initiative	MShI Capstone Advisor
Jones, Kevin UAB School of Health Professions	Expected Summer 2020	The Impact of Ride-Sharing On Drunk Driving Fatalities in Alabama	MShI Capstone Advisor
Pescatore, Jarrod UAB School of Health Professions	Expected Summer 2020	An Analysis of Medication-related Clinical Decision Support Alerts.	MShI Capstone Advisor
McAllister, Morgan UAB School of Health Professions	Expected Summer 2020	Understanding the Relationship between Missed Clinic Appointments and Outcomes	MShI Capstone Advisor
Mills, Jimmedda UAB School of Health Professions	Expected Summer 2020	Innovating Nursing Documentation	MShI Capstone Advisor
Darby Davenport UAB School of Health Professions	Expected Summer 2021	Not defined as of yet	MShI Capstone Advisor
Eddie Groom UAB School of Health Professions	Expected Summer 2021	Not defined as of yet	MShI Capstone Advisor
Eric Williams UAB School of Health Professions	Expected Summer 2021	Not defined as of yet	MShI Capstone Advisor

Candace Penney UAB School of Health Professions	Expected Summer 2021	Not defined as of yet	MSHI Capstone Advisor
John Fadimiroye UAB School of Health Professions	Expected Summer 2021	Not defined as of yet	MSHI Capstone Advisor

**Completed**

<b>Name/Institution</b>	<b>Year Completed</b>	<b>Title or Topic</b>	<b>Role</b>
Cochran, Randyl UAB School of Health Professions	2019	Behavioral Health Data Exchange: A Mixed Methods Study  <i>Manuscript published Feldman, S.S., *Cochran, R., Mehta, T. (2019) Predictors of Weight Change: Findings from an Employee Wellness Program. Frontiers Endocrinology. doi: 10.3389/fendo.2019.00077</i>	PhD Dissertation Chair
Majokowski, Gemini (Military) UAB School of Health Professions	2019	Healthcare cybersecurity: Building a Cyber Vulnerability Profile for US Hospitals	DSc Dissertation
Guerrazzi, Claudia UAB School of Health Professions	2017	Health Information Exchange: A Mixed Methods Study across Two Nations  <i>Manuscript in press: Guerrazzi, C. Feldman, S.S. Health Information Exchange: What Matters at the Organizational Level? Journal of Biomedical Informatics.</i>	PhD Dissertation Member
Al-Burhairan, Fadi Claremont Graduate University School of Information Systems and Technology	2012	Persuading People with Disabilities to Pursue Work: The Design, Development and Evaluation of a Persuasive Disability Benefits Estimator Application  <i>Manuscript in review: Al-Buhairan, F., Schooley, B., Modi S., Feldman, S.S. Motivators and Challenges faced by People with Disabilities Seeking Employment.</i>	PhD Dissertation Member
Costigan, Jennifer UAB School of Health Professions	2019	Differentiating between Patient Satisfaction Rates of UAB's Rapid Access & Private Dermatology Clinics through Data Analytics  <i>Manuscript in preparation: *Costigan, J., Lemak, M., Feldman, S.S. Patient Satisfaction in Dermatology Clinics: Does Clinic Type Matter?</i>	MSHI Capstone Advisor

Mithani, Shahzad UAB School of Health Professions	2019	Illumicare: An Analysis of Cost of Clinical Decision Support	MSHI Capstone Advisor
Patel, Kristina UAB School of Health Professions	2019	Using GIS for Healthcare Planning: A Usability Study	MSHI Capstone Advisor
Thomas, James UAB School of Health Professions	2019	Development of a Physician Centered Dashboard in Neurosurgery	MSHI Capstone Advisor
Place, Mary UAB School of Health Professions	2019	Healthcare Consulting: Is this the job for you?	MSHI Capstone Advisor
Rumph, Braylon UAB School of Health Professions	2019	Correlation of Patient/Provider Satisfaction	MSHI Capstone Advisor
Paul, Sarah UAB School of Health Professions	2018	Understanding Improvement Opportunities in Cancer Treatment through an Electronic Medical Record Survey	MSHI Capstone Advisor
Hendon, Kim UAB School of Health Professions	2018	Development of an Informatics Dashboard to Describe Prescribing Patterns of Specialty Medications	MSHI Capstone Advisor
Miyasaki, Nathan UAB School of Health Professions	2018	Retrospective Project Analysis Through Data Visualization	MSHI Capstone Advisor
Norwood, Carrie UAB School of Health Professions	2018	COACHES Online: A Homepage for Community Hospital Pediatric Simulation	MSHI Capstone Advisor
Ralphs, Carson UAB School of Health Professions	2018	Continuous Reporting of Patient Reported Outcomes for Breast Cancer Patients  <i>Manuscript in review: Smedley, W., Feldman, S.S., *Ralphs, C., Burke, D., Bryan, D., Rogers, L.Q. (in review) Utilizing Continuous Reporting of Patient Activity Data to Assist in Breast Cancer Navigation. Health Systems Journal.</i>	MSHI Capstone Advisor
Shivers, Lauren UAB School of Health Professions	2018	Development of a Computerized Pediatric Intensive Care Unit Septic Shock Protocol; Improving User Experience and Patient Outcomes  <i>Manuscript published *Shivers, L., Feldman, S.S., Hayes, L.W. (2019) Development of a Computerized Paediatric Intensive Care Unit Septic Shock Pathway: Improving User Experience. Health Systems Journal.</i>	MSHI Capstone Advisor

Tinsley, Jimmy UAB School of Health Professions	2018	Improve the Process and Visibility of Obtaining True Supply Cost per Procedure	MSHI Capstone Advisor
Moore, Millicent UAB School of Health Professions	2017	Evaluating the Effectiveness of Patient Centered Medical Homes (PCMH) with Integrated Behavior Health (BH) Services	MSHI Capstone Advisor
Robertson, Robert UAB School of Health Professions	2017	Investigation of the Value Proposition of Health Information Exchange	MSHI Capstone Advisor
Maglicmont, Sarah Duke University School of Nursing	2015	Redesign of a Care Management Information System	Master in Nursing Informatics Thesis Advisor
Steckler, Lauren Virginia Commonwealth University School of Allied Health Professions	2014	Physician-Led Accountable Care  <i>Manuscript published: *Steckler, L., Feldman, S.S. Watts, C. (2015). Forming a Physician Led Accountable Care Organization: From Application to Implementation. American Journal of Accountable Care. Vol. 3, No. 3.</i>	Master in Health Administration Thesis Advisor

## SERVICE

### Internal – University/School/Department Committees

#### UAB

- 2020 COVID-19 University Reintegration Task Force (Member)
- 2020-present Conflict of Interest Task Force (Member)
- 2019-present Interdisciplinary Education Advisory Committee (Member)
- 2019 Final judge for UAB's Three Minute Thesis

#### School of Health Professions

- 2017-present Faculty Advisory Committee (Member)
- 2016-present Strategic Planning (Member)
- 2016-2018 Instructional Technology Committee (Member)

#### Department of Health Services Administration

- 2019 Faculty Search Committee Member (Member)
- 2018 Equitable Faculty Contribution (**Co-Chair**)
- 2017 Faculty Search Committee Member (**Chair**)
- 2017 Faculty Search Committee Chair (Member)

#### External

- 2020- Prosper Birmingham with the Brookings Institute



2019 AL HIMSS Professional Development Committee

## Conference Program Committees

### International

- 2020 HICSS, Ubiquitous and Comprehensive Healthcare: Expanding Technologies and Systems to Enable New Delivery Models Mini-Track, **Co-Chair**, Kauai, HI
- 2018 INFORMS International **Cluster Chair**. Taipei, Taiwan.
- 2017 INFORMS Healthcare **Track Chair**. Rotterdam, Netherlands.
- 2008-2013 HICSS, Health Care Track, Innovations in Health IT Mini-track, **Co-Chair**. Hawaii.
- 2008-2011 HICSS, Cyberinfrastructure for Public Health and Health Services, Symposium **Program Chair** and Symposium **Leader**. Hawaii.

### National

- 2019 CAHIIM Educators' Conference. Chicago, IL.
- 2019 Doctoral Consortium **Chair**. DESRIST. Boston, MA.
- 2017-present National Symposium for Healthcare Executives, Symposium Planning Committee and **Leader** of the Health Informatics Thought Leaders' Roundtable. Destin, FL.
- 2011 Health 2.0/NIH Developers' Challenge, **Executive Committee**, this work received a letter of commendation from the Secretary of US Health and Human Services. Washington, DC.
- 2009 Kay Center Disability Policy Forum on Capitol Hill, **Program Chair**. Washington, DC.
- 2006-2008 Kay Center Disability Policy Forum, **Program Chair**. Washington DC.

## Expert Reviewer/Accreditation Activities

### Invited External Expert Program Review

- 2019 External Expert Program Reviewer – SUNY Polytechnic Institute – Program review prior to state review of newly proposed Master of Science in Health Informatics in the School of Nursing
- 2018 External Expert Program Reviewer – Temple University Office of Institutional Research & Assessment, Periodic program review of Temple's Health Information Management program in the College of Public Health

### Accreditation Activities

- 2017-present CAHIIM (Commission on Accreditation for Health Informatics and Information Management) Health Informatics Accreditation Council (HIAC) – National Appointment
- 2017-2018 CAHME (Commission on the Accreditation of Healthcare Management Education) Healthcare Quality and Safety Accreditation **Co-Chair**
- 2017-2018 CAHME (Commission on the Accreditation of Healthcare Management Education) Healthcare Quality and Safety Standards Development **Chair**
- 2017-2018 CAHME (Commission on the Accreditation of Healthcare Management

	Education) Healthcare Quality and Safety <b>Executive Committee</b>
2007-present	CAHIIM (Commission on Accreditation for Health Informatics and Information Management) Field Visit Accreditation Committee <b>Chair</b> – National Appointment
2002-2007	WASC (Western Association of Schools and Colleges) Field Visit Accreditation Committee

### **Journal Editor**

**Feldman, S.S.** (Managing Guest editor) with Schooley, B., Brazil, V., Hayes, L., White, ML., Zengul, F., Ozaydin, B. Health Systems Journal Special Issue on Health Informatics, Healthcare Quality and Safety, and Healthcare Simulation. November 2019 and December 2019.

### **Manuscript/Conference Peer Reviewer**

#### **Manuscript**

1. IEEE Transactions on Engineering Management
2. JAMIA (methods and manuscript)
3. Health Systems Journal
4. JMIR
5. JMIR Informatics
6. JMIR Mobile
7. Emergency Medicine Journal
8. BMC Medical Informatics and Decision Making
9. IMIA Yearbook

#### **Conference**

1. EURAM
2. HICSS
3. HIMSS
4. INFORMS Healthcare
5. INFORMS International
6. AMCIS

### **Professional Affiliations**

2019-present	AL HIMSS, Professional Development Committee and member
2018-present	Alabama Alliance for Equity in Higher Education, member
2015-present	Association for Information Systems (AIS), Health IT and Women in IT Special Interest Groups and member
2009-2012	American Public Health Association (APHA), Member,
2009-2012	American Association on Health and Disability (AAHD), Member
2006-present	American Medical Informatics Association (AMIA), AMIA Women’s Mentoring Program and member
2006-present	Healthcare Information and Management Systems Society (HIMSS) Facilitate student participation in the HIMSS annual case competition and member

### **Grant Reviewer**

2020	University of South Carolina Big Data Health Science Center
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- 2012-2015 US Health and Human Services (AHRQ). Ad-hoc member. HITR Study Section.  
(once per year)
- 2013 US Health and Human Services (SAMHSA): Ad-hoc member. Grants to Expand  
Care Coordination through the Use of Health Information Technology in  
Targeted Areas of Need (TCE-Health IT) TI11-02

