# Amanda Davis, MPH, RD, CHES

## Professional Experience

*Medical University of South Carolina, Charleston, SC*
**Senior Evidence-Based Practice Analyst** **2014-Present**

- Leads multidisciplinary content expert teams in the development of evidence-based clinical decision support tools to promote optimal patient care, reduce care variation, and enhance clinical outcomes
  - Developed 42 adult and pediatric guidelines, 58 order sets, three infection prevention policies, and a palliative care policy
  - Increased utilization of evidence-based pathways to above 80% for stroke and multiple pediatric pathways: sickle cell pain, appendicitis, asthma, and diabetic ketoacidosis
- Collaborates with senior clinical leaders, nursing Shared Governance, medical librarians, process improvement specialists, clinical informaticists and Epic applications analysts to create clinical decision support tools, strategize implementation plans, and transition these tools into the electronic medical record
- Promotes a culture of evidence-based practice and inquiry through educational endeavors with clinical staff, students, and faculty
  - Evidence-based Practice for Health Care Professionals: A hands-on, project-based, 18-credit hour (nursing CE) course offered to clinical staff twice per year co-taught with a medical librarian and process improvement specialist
  - Dietetic Internship Program: An integrated evidence-based practice primer for dietetic interns co-taught with a medical librarian; Program assistance to include: curriculum development and research support for intern capstones, case studies, and journal club projects
  - Clinical Nurse Leader Programs: An integrated 2-hour evidence-based practice primer for Clinical Nurse Experts and Relief Staff Leaders
  - Resident Incentive Program: Mentor resident groups through the development, implementation, and evaluation of evidence-based clinical decision support tools

*Wellness Corporate Solutions, Bethesda, MD*
**Biometric Screening Program Manager** **2012 –2013**

- Established, maintained, and enhanced client relationships as the main point of contact for the health screening event planning process
- Lead multidisciplinary teams of biometric screeners and registered dietitians during health screening events for multiple corporate clients simultaneously to ensure an excellent user experience

*George Washington University, Washington, DC*
**Public Health Dissemination Evaluation, WV SCRIPT Project Staff** **2008-2012**

- Managed the daily activities of a grant-funded tobacco cessation evaluation, including staffing, HIPAA compliance, IRB review, and project timeline reporting
- Developed and implemented a data audit methodology using Microsoft Access and Excel to ensure the accuracy of process and impact evaluations
- Produce quarterly evaluation reports used to drive process improvement at the state, regional and staff levels
- Prepared policy change recommendations to improve quality of care based on process evaluation data and qualitative focus groups with clients and clinicians

## Education

**George Washington University, School of Public Health and Health Services** **2009**
MPH, Health Promotion
**Augusta Area Dietetic Internship** **2003**
Generalist Program

**Virginia Polytechnic Institute and State University** **2002**
BS, Human Nutrition, Food and Exercise

## Awards/Honors

- President/President Elect/Past President, Charleston-Trident Dietetic Association (2018-Present)
- Membership Chair/Special Projects Co-Chair, SC Association of Nutrition & Dietetics (2015-Present)
- Delta Omega Public Health Honor Society, George Washington University chapter (2009-Present)
- MUSC Emerging Leaders Program (2021)
- Outstanding Dietetics Educator, NDEP South East Region (2018)
- American Medical Informatics Association abstract reviewer (2017-2019)

## Publications

Jones, E.P., Brennan, E.A., **Davis, A.** (2020, July). Evaluation of literature searching and article selection skills of an evidence-based practice team. *Journal of the Medical Library Association*, 108(3):487-493.

Brennan, E., Cooper, J., **Davis, A**. (2018, November). Evidence-Based Practice: Use in Answering Queries and Developing Systematic Reviews. In D. Thomas (Ed.), *Clinical Pharmacy Education, Practice and Research: Clinical Pharmacy, Drug Information, Pharmacovigilance, Pharmacoeconomics and Clinical Research* (pp. 163-176). Cambridge, MA: Elsevier.

Crabtree, E., Brennan, E., **Davis, A.,** Squires, J. (2017). Connecting education to quality: engaging medical students in developing evidence-based clinical decision support tools. *Academic Medicine,* 92(1):83-86.

Windsor, R., Clark J., **Davis, A**., Wedeles, J. Abroms, L. (2017). A Process Evaluation of the WV Smoking Cessation and Reduction in Pregnancy Treatment (SCRIPT) Dissemination Initiative: Assessing the Fidelity and Impact of Delivery for a State-wide Home-based Health Start Services. *Maternal Child Health Journal*, 21(1): 96-107.

Crabtree, E.A., Brennan, E.A., **Davis, A.L.,** et al. (2016) Improving patient care through nursing engagement in evidence-based practice. *Worldviews on Evidence-Based Nursing*, 13(2): 172-5.

Windsor, R., Clark, J., Cleary, S., **Davis, A**., et al (2013). Effectiveness of the Smoking Cessation and Reduction in Pregnancy Treatment (SCRIPT) dissemination project: a science to prenatal care practice partnership. *Maternal Child Health Journal,* 18(1):180-90.

Windsor, R., Cleary, S., Ramiah, K., Clark, J., Abroms, L., & **Davis, A**. (2013). The Smoking Cessation and Reduction in Pregnancy Treatment (SCRIPT) adoption scale: evaluating the diffusion of a tobacco treatment innovation to a prenatal care program and providers. *Journal of Health Communication,* 18(10): 1201-20.

Beasley, J.M., **Davis, A**., & Riley, W.T. (2009). Evaluation of a web-based, pictorial diet history questionnaire. *Public Health Nutrition, 12*: 1-9.

Beasley, J. M., Riley, W. T. **Davis, A**., & Singh, J. (2008). Evaluation of a PDA-based dietary assessment and intervention program: a randomized controlled trial. *Journal of the American College of Nutrition, 27*(2): 280-286.

## Professional Teaching

**Davis, A.**, Lubker, I. (2019, August 28). *Information Literacy: Evidence-Based Practice Tools for Busy Dietitians*. Webinar taught for Today's Dietitian. (1.0 CPEU credit hour)

**Davis, A**., Brennan, E., Marozzi, L., Harper, R. (2019-Present). *Evidence-Based Practice for Health Care Professionals.* Online, 12-week, project-based course offered to MUSC staff via MyQuest. (15.6 Nursing CE credit hours)

**Davis, A.**, Lubker, I. (2019-Present). *Evidence-Based Practice for Dietetic Interns.* Online, 6-module course required for students in the MUSC Dietetic Internship as part of Capstone preparation.

Brennan, E., **Davis, A**. (2019, January 15). *An Introduction to Evidence Based Practice: Appraisal and Application.* Webinar taught for the National Network of Libraries of Medicine, Southeastern/Atlantic (NN/LM SEA) Region. (1.0 MLA CE credit hour)

Brennan, E., **Davis, A**. (2018, December 11). *An Introduction to Evidence Based Practice: Searching.* Webinar taught for the National Network of Libraries of Medicine, Southeastern/Atlantic (NN/LM SEA) Region. (1.0 MLA CE credit hour)

Brennan, E., **Davis, A**. (2018, November 13). *An Introduction to Evidence Based Practice: Introduction to EBP and PICO.* Webinar taught for the National Network of Libraries of Medicine, Southeastern/Atlantic (NN/LM SEA) Region. (1.0 MLA CE credit hour)

Crabtree, E., Brennan, E., **Davis, A**., Craven Lee, H. (May 2015). *Generating and Integrating Evidence into Clinical Practice.* Taught at MUSC Health Evidence-Based Practice and Nursing Research Conference, Charleston, SC. (8 nursing CE credit hours)

## Presentations and Posters

Lubker, I. and **Davis, A.** (August 2020). *Supporting Dietetic Interns with Evidence-based Practice.* Paper presented at Medical Library Association (MLA) vConference & Exhibits.

Feldmann, K., **Davis, A.**, Lubker, I., Martin, K. (April 2020). *Exploratory Study of Evidence-based Practice in Dietetic Interns and their Preceptors.* Poster presented at South Carolina Academy of Nutrition and Dietetics (SCAND) vConference.

Jones, E., Brennan, E., **Davis, A**. (May 2019). *Evaluation of Literature Searching and Article Selection Skills of an Evidence Synthesis Program*. Paper presented at Medical Library Association (MLA) Conference, Chicago, IL.

Malloy, A., Hendrix, S, **Davis, A**. (April 2019). *The Effects of Relizorb on Cystic Fibrosis Patients Requiring Nocturnal Enteral Feedings*. Poster presented at South Carolina Association of Nutrition and Dietetics (SCAND) Conference, Columbia, SC.

Craven, H., **Davis, A**., Harper, R., Brennan, E. (April 2019). *Climbing the Ladder of Clinical Success with Evidence-Based Practice.* Poster presented at University of Iowa Hospitals and Clinics, National Evidence-Based Practice Conference. Iowa City, IA

**Davis, A**., Harper, R. (May 2018). *Using Evidence-Based Practice to Guide Process Improvement Solutions*. Paper presented at Health Care Systems Process Improvement Conference (HSPIC). Atlanta, GA

Brennan, E., **Davis, A**., Harper, R. (2018, October 26). *Redesigning a Hospital's Evidence-Based Practice Course.* Paper presented at Southern Chapter of the Medical Library Association (SC/MLA) Annual Conference, Orlando, FL.

**Davis, A**., Brennan, E. (October 2017). *Using Evidence-Based Practice to Guide Process Improvement Solutions*. Paper presented at MUSC Lean Six Sigma Symposium. North Charleston, SC

Fitzgerald, K., Peterson, A., **Davis, A**., Jones, M. (May 2017). *Providing Providers with the Framework to Discuss Bariatric Surgery for Morbid Obesity*. Poster presented at South Carolina Association of Nutrition and Dietetics (SCAND) Conference, Columbia, SC.

Harper, R., **Davis, A**., Brennan, E. (April 2017). *In Tandem: Evidence-Based Practice and DMAIC*. Paper presented at Health Care Systems Process Improvement Conference (HSPIC). Orlando, FL

Brennan, E., **Davis, A**., Harper, R. (October 2016). *Engaging Clinicians in Evidence-Based Practice.* Paper presented at Southern Chapter of the Medical Library Association (SC/MLA) Annual Conference, Greenville, SC.

**Davis, A.**, Harper, R., Brennan, E. (October 2016). *Using Lean Six Sigma Tools to Improve Guideline Development*. Paper presented at MUSC Lean Six Sigma Symposium. North Charleston, SC.

**Davis, A.**, Crabtree, E., Brennan, E. (May 2016). *Developing a Guideline for Management of Adult Overweight and Obese Patients: A Team-based Approach to Integrating Evidence into Population Health*. Paper presented at South Carolina Association of Nutrition and Dietetics (SCAND) Conference, Columbia, SC.

**Davis, A.**, Ihnken, L., Crabtree, E., Burke, K. (April 2016). *Evidence-Based Practice Innovations in Nursing Informatics*. Paper presented at American Nursing Informatics Association (ANIA) Conference, San Francisco, CA.

**Davis, A.**, Crabtree, E., Brennan, E., Harper, R. (February 2016). *Promoting Health Equity through Evidence-Based Practice*. Paper presented at South Carolina Public Health Association (SCPHA) Conference, North Charleston, SC.

**Davis, A**., Crabtree, E., Brennan, E. (November 2015). *A Team-based Approach to Integrating Evidence into Population Health*. Paper presented at American Public Health Association (APHA) Conference, Chicago, IL.

**Davis, A.**, Crabtree, E., Brennan, E. (November 2015). *Improving Quality with Evidence: Equipping Interprofessional Clinical Teams to Integrate Research Evidence into Practice*. Paper presented at American Public Health Association (APHA) Conference, Chicago, IL.

Brennan, E., Crabtree, E., **Davis, A.** (October 2015). *Achieving Clinical Excellence through Interprofessional Evidence-Based Practice*. Paper presented at Southern Chapter of the Medical Library Association (SC/MLA) Annual Conference, San Juan, Puerto Rico.

Brennan, E., Crabtree, E., **Davis, A.** (October 2015). *Building Evidence into Practice Using Interprofessional Teams*. Paper presented at Southern Chapter of the Medical Library Association (SC/MLA) Annual Conference, San Juan, Puerto Rico.

Brennan, E., Crabtree, E., **Davis, A.** (May 2015). *Librarians Engaged in Integrating Evidence into Clinical Practice*. Paper presented at Medical Library Association (MLA) Conference, Austin, TX.

Brennan, E., Crabtree, E., **Davis, A.,** Squires, J. (June 2015). *Connecting Education to Quality: Engaging Medical Students in Developing Evidence-Based Clinical Decision Support Tools*. Paper presented at AAMC Integrating Quality: Improving Value through Clinical Transformation, Education and Science Meeting, Rosemont, IL.

Crabtree, E., Brennan, E., **Davis, A.,** Craven Lee, H. (May 2015). *Generating and Integrating Evidence into Clinical Practice*. 8 nursing CE credits. Taught at MUSC Health Evidence-Based Practice and Nursing Research Conference, Charleston, SC.

Crabtree, E., Brennan, E., **Davis, A.** (March 2015). *A team-based approach to integrating evidence into practice*. Xavier Louisiana University Health Disparities Conference, New Orleans, LA.

**Davis, A.,** Crabtree, E., & Brennan, E. (March 2015). *A team-based approach to integrating evidence into practice*. (March 2015). ACCEL Annual Conference, Charleston, SC.

Abroms, L., Ahuja, M., **Davis, A.,** Mendel, J., et al. (September 2012). *A randomized trial of an interactive mobile text-messaging program to promote smoking cessation in US adult smokers*. Poster presented at Medicine 2.0, Boston, MA.