

## CURRICULUM VITAE (Abbreviated)

Francis C. Dane  
July 2016

### Address

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### Education

University of Kansas, 1975-1979; M.A. in Psychology 1977; Ph.D. in Social Psychology  
1979.

University of Wisconsin--Milwaukee, 1973-1975; B.S. in Psychology 1974 (cum laude).

University of Wisconsin--Waukesha, 1971-1973; pre-med, no degree.

### Employment History

2010-pres: Professor and Chair, Arts & Sciences, Jefferson College of Health Sciences

2012-pres: Professor, Department of Interprofessionalism, Virginia Tech Carilion School  
of Medicine (secondary appointment)

2005-pres: Community Professor, Department of Internal Medicine, Mercer University  
School of Medicine (secondary appointment)

2002-2010; James V. Finkbeiner Endowed Chair of Ethics & Public Policy, College of  
Arts and Behavioral Sciences, Saginaw Valley State University.

1988-2002; Mercer University, William Heard Kilpatrick Professor of Psychology,  
College of Liberal Arts, & Professor of Internal Medicine, Mercer University  
School of Medicine

1983-1988; Clemson University, Associate Professor of Psychology

1979-1983; SUNY College at Oswego, Assistant Professor, Department of Psychology

1977-1979; University of Kansas, Assistant Instructor, Department of Psychology

1975-1977; University of Kansas, Research Assistant, Social Psychology Graduate  
Program

1974-1975; University of Wisconsin--Milwaukee, Teaching Assistant, Department of  
Psychology

### Current Administration

2016-pres; Member, Simulation Coordination Council Carilion Clinic

2016-pres; Member, Faculty Development Subcommittee, Virginia Tech Carilion School  
of Medicine

2016-pres; Member, Teaching Observation Subcommittee, Virginia Tech Carilion  
School of Medicine

2015-pres; Assistant Director for Research, Carilion Clinic

2013-pres; Member, Carilion Clinic Physicians Research Committee (Chair, 2015-pres)

2015-pres; Member, Teaching Excellence Academy for Collaborative Healthcare,  
Virginia Tech Carilion School of Medicine

2015-pres; Member, Committee on Research, Society for Simulation in Healthcare  
 2015-pres; Associate Director, Baccalaureate Constituency, Sigma Xi, The Scientific Research Society  
 2014-pres; Member, Carilion Clinic Continuing Professional Development Committee  
 2013-pres; Chair, Nominations Committee, Sigma Xi, The Scientific Research Society  
 2013-pres: Member, Carilion Clinic Institutional Review Board (Committee C)  
 2012-pres: Member, Managers Forum, JCHS  
 2011-pres: Member, Research Merit Committee, Carilion Clinic  
 2010-pres: Chair, Department of Arts & Sciences, JCHS  
 2010-pres: Member, College Administration Team, JCHS

## **Research Programs**

Healthcare Simulation Efficacy  
 Healthcare Outcome Prediction

## **Grants**

Parker, S.E., Dane, F.C., Musick, D.W., & Kennedy, L.R. (2015). Performance under stress: Improving patient safety using real-time data-driven feedback. National Institutes of Health, \$55,673 (Co-Investigator).  
 Seidel, L.W., Carter, K., Dane, F.C. (2015). Determining the effect of a four-week mindfulness practice course for healthcare professionals on mindful awareness, life quality, and burnout. Carilion Clinic Research Acceleration Program, \$21,211 (Associate Investigator & Statistician).  
 Bradburn, E., Avery, R., Dane, F. C., & Duncan, L. (2014). Evaluation of endothelial progenitor cells (EPCs) as a biomarker for surgical outcome. Carilion Clinic Research Acceleration Program, \$24,590 (Statistician)  
 Uchakin, P. N. (2009). Immune mechanisms of congestive heart failure. American Heart Association, \$132,000 (Statistician)  
 Seitz, M., Boehm, D., & Dane, F. C. (January, 2004). Creating a Culture of Ethical Academic Citizenship. SVSU Foundation. \$1500 (Co-PI).  
 Bibb County (GA) Board of Education. (2001a). Macon S.E.E.D.S. (Success through Educational Enrichment Delivery Systems) Community Learning Center: After School, Family, and Summer Programming (Hunt, Jones, & Rice Schools). U.S. Department of Education. \$1,456,924 (evaluation director).  
 Bibb County (GA) Board of Education. (2001b). Macon S.E.E.D.S. (Success through Educational Enrichment Delivery Systems) Community Learning Center: After School, Family, and Summer Programming (Brookdale, Burdell, Clisby, & Weir Schools). U.S. Department of Education. \$1,635,553 (evaluation director).  
 Roche, W. P., & Dane, F. C. (2000). Medical Student Attitude Project (Cynicism). Clinical Research Center, Medical Center of Central Georgia. \$23,720  
 Bibb County (GA) Board of Education. (2000). Bibb 21<sup>st</sup> Century Community Learning Center: After School, Family, and Summer Programming. U.S. Department of Education. \$3,322,551 (evaluation director).  
 Dane, F. C. (1996). Relationship of ACLS training to timing and outcome of resuscitation. American Heart Association. \$32,808

- Parish, D. C., & Dane, F. C. (1996). In-hospital resuscitation. Clinical Research Center, Mercer University School of Medicine & Medical Center of Central Georgia. \$20,000
- Dane, F. C. (1992). Modeling students' decisions to attend and remain in college. Office of Enrollment Management, Mercer University.
- Parish, D. C., Montgomery, M., Levi, P. G., Brown, V. M., Russell, K., Carpenter, M., & Wynn, L. (1991). Predicting survival of respiratory, cardiac, and cardiopulmonary arrest. MedCen Foundation. (statistician)
- Dane, F. C. (1991). The use of stereotypes in juror decision making. Faculty Research and Development Grant, College of Liberal Arts, Mercer University.
- Dane, F. C. (1990). Jury decision making. Faculty Research and Development Grant, College of Liberal Arts, Mercer University.
- Dane, F. C. (1989). Quantifying burdens of proof. Faculty Research and Development Grant, College of Liberal Arts, Mercer University.
- Parish, D. C., Harper, A. K., Metzger, R. L., & Thompson, M. (1989). The relationship of prenatal care to infant mortality. MedCen Foundation. (statistician)
- Dane, F. C. & Nowaczyk, R. (1985). An evaluation of manuals designed for instructing the lay person in the use of computers. Clemson University Research Grant.
- Dane, F. C. & Koenig, S. (1985). A proposal for a study preliminary to the development of a health care program at Clemson area retirement center. Clemson Downs Ad-Hoc Committee for Health Care Programs.
- Dane, F. C. (1984). The use of volunteers in South Carolina state government: Developing and implementing a data base. Division of Volunteer Services, Office of the Governor.
- Swift, J. N. & Gooding, J. N. (1981). Using timers to extend the waiting period during question/answer sessions in elementary classrooms. National Science Foundation (Statistician).
- Dane, F. C. (1980). The certainty of eyewitnesses and its effect upon mock jurors' verdicts. President's Research Award, SUNY College at Oswego.
- Myers, B. L., Stauffer, L. D. & Dane, F. C. (1979). Pharmacy dispensing fee and drug acquisition cost survey. Texas Department of Human Resources.
- Dane, F. C. (1978). Fellowship, National Institute of Mental Health.
- Dane, F. C. (1977). Using videotape in the courtroom. Society for the Psychological Study of Social Issues Grant-in-Aid.

### Recent Publications

- Dane, F. C. (in press). Evaluating research: Methodology for people who need to read research (2<sup>nd</sup> Ed.). Los angeles: Sage Publications
- Patel, D., Devereaux, R. S., Teaford, G., Dane, F. C., Parish, D. C., Waring, M. E., & I., K. C. (2015). Abstract 159: Medication Adherence Improves Shortly After Acute Coronary Syndrome Admission and Then Declines Over One Year: Findings from TRACE-CORE. *Circulation: Cardiovascular Quality and Outcomes*, 8(online), A159.
- Dane, F. C. (2014). The importance of the sources of professional obligations. In R. Hagengruber & U. Riss (Eds.), *Philosophy, Computing and Information Science* (pp. 223-230). London: Pickering & Chatto Publishers.

- Colquitt, J. D., Parish, D. C., Trammell, A. R., McCullough, J., Swadener-Culpepper, L. & Dane, F. C. (2013). Mastery learning of ACLS among internal medicine residents. *Analgesia & Resuscitation: Current Research*, S1-007, 1-4.
- Elliott, R. L., Chowdhury, M., Wilson, L., Dane, F. C., & Williams, S. (2012). Does religion affect medical students' attitudes toward ethical dilemmas? *Journal of the Medical Association of Georgia*, 101(2), 22-23.
- Uchakin, P. N., Parish, D. C., Dane, F. C., Uchakina, O. N., Scheetz, A. P., Agarwal, N. K., & Smith, B. (2011). Fatigue in medical residents leads to reactivation of herpes virus latency. *Interdisciplinary Perspectives on Infectious Diseases*, 2011. Article ID 571340, 7 pages, doi:10.1155/2011/571340
- Dane, F. C. (2011). Evaluating research: Methodology for people who need to read research. Thousand Oaks, CA: SAGE Publications.
- Dane, F. C. (2009) Ethics of Stem-Cell Research: A Framework for Ethical Dialogue Regarding Sources of Conflict. In M. N. Bahvani (Ed.), *Stem Cell Research: Law and Ethics* (pp. 62-70). Hyderabad: Amicus Books.
- Dane, F. C. (2009). Type II errors in "Nurses' prediction of volume status after aneurismal subarachnoid hemorrhage: a prospective cohort study." *Critical Care*, 13(1), 402.
- Dane, F. C. (2008). Evaluation research. In S. Zhongxin & Z. Lili (Eds.), *Feminist Research Methods* (pp. 188-219). Shanghai: Fudan University Press. (simultaneously published in English & Chinese).
- Dane, F. C., & Parish, D. C. (2008). Survival patterns with in-hospital cardiac arrest. *Journal of the American Medical Association*, 299 (22), 2625-2626.
- Dane, F. C. (2008). Program evaluation and restorative justice: Truancy mediation. In C. K. Dorne, *Introduction to Restorative Justice in the United States* (pp. 367-371). Upper Saddle River, NJ: Pearson/Prentice-Hall.
- Dane, F. C. (2007). Ethics of Ethics of Stem-Cell Research: A Framework for Ethical Dialogue Regarding Sources of Conflict. *Forum on Public Policy Online*. <http://www.forumonpublicpolicy.com/archivespring07/dane.pdf>
- Jones-Crawford, J. L., Parish, D. C., Smith, B. E., & Dane, F. C. (2007). Resuscitation in the Hospital: Circadian Variation of Cardiopulmonary Arrest. *The American Journal of Medicine*, 120(2), 158-164.
- Julka, K., Smith, B. E., Parish, D. C., Patel, R. M., & Dane, F. C. (2007). Daily, Monthly and Seasonal Variation of In-Hospital Resuscitation Frequency and Outcome. *CHEST*, 132 (4), Supplement, 543-544.
- Dane, F. C. (2007, Winter). I'm a good reader: I just have problems with comprehension. *SVSU Literacy Link*, 12(2), 2-3.
- Dane, F. C., & Parish, D. C. (2006). Ethical Issues in Registry Research: In-Hospital Resuscitation as a Case Study. *Journal of Empirical Research on Human Research Ethics*, 1 (4), 69-75.
- Dane, F. C. (2006, September). Ethical issues in statistical analyses: An argument for collective moral responsibility. *C-Stat News*, 2 (3), 1, 3, 4.
- Jones-Crawford J. L., Parish D. C., Smith B., & Dane F. C. (2005). Resuscitation in the hospital: circadian variation of cardiopulmonary arrest. *Journal of General Internal Medicine*, 2005; 20:144(supp).

- Parish, D. C., Chandra, K. M. D., & Dane, F. C. (2004) Revision De La Investigacion Sobre Reanimacion Cardiopulmonar (Review Of Resuscitation Research). *Espiritos Invitados*, <http://www.siicsalud.com/dato/dat037/04319030.htm>.
- Lamarca, S. C., Parish, D. C., Okosun, I. S., Dent, M. M., & Dane, F. C. (2004). Race and In-Hospital Resuscitation. *Ethnicity & Disease*, 14 (4), S2-70.
- Dane, F. C., & Parish, D. C. (2004). The Code Pink Project as a Model for Outcomes Research Methodology. In *5th Scientific Forum on Quality of Care and Outcomes Research in Cardiovascular Disease and Stroke* (p. 11). Washington, DC: American Heart Association.
- Parish, D. C., Chandra, K. M. D., & Dane, F. C., (2003). Success changes the problem: Why VF is declining and why PEA is emerging. *Resuscitation*, 58, 31-35.
- Dane, F. C. (2004, November). Academic integrity. *SVSU Literacy Link*, 9(1), 1, 3-4.
- Dane, F. C. (2004). Springtime in the Office (poem). *Cardinal Sins*, 23(2), 6.
- Roche, W. P. III, Scheetz, A. P., Dane, F. C., Parish, D. C., & O'Shea, J. T. (2003). Medical student attitudes in a problem based learning curriculum: Cynicism and altruism. *Academic Medicine*, 78(4), 398-402.
- Dane, F. C., Parish, D. C., & Chandra, K. M. D. (2003). The Importance of Pulseless Electrical Activity: The Rise and Fall of Ventricular Fibrillation. *Michigan Academician*, 35 (1), 77.
- Katner, H. P., Durham, H. L., Patel, N. A., Dane, F. C., Weerasuriya, L., Harvey, H., Durham, M., Cook, D., Patel, D., & Stephens, J. (2002). The epidemic of HIV/AIDS in middle Georgia. *Journal of the Medical Association of Georgia*, 91(2), 35-38.
- Elliott, R. L., & Dane, F. C. (2002). Is one selective serotonin reuptake inhibitor better than another? *Journal of the American Medical Association*, 287 (15), 1935.
- van Walraven, C., Forster, A. J., Parish, D. C., Dane, F. C., Chandra, KM D., Durham, M. D., Whaley, C., Stiell, I. (2001). Validation of a clinical decision aid to discontinue in-hospital cardiac arrest resuscitations. *Journal of the American Medical Association*, 285 (12), 1602-1606.
- Stallard, M. J., Price, J. M., & Dane, F. C. (2001). Complex medical litigation and hindsight bias: Strategies to reduce factfinders' retrospective attributions of fault. In R. Roesch, R. R. Corrado, & R. J. Dempster (Eds.), *Psychology in the courts: International advances in knowledge*. London: Routledge.
- Chandra, KM D., Parish, D. C., Dane, F. C., Durham, M. D., & Hudson, J. A. (2001). In-hospital resuscitation: Relationship of diagnostic categories to rhythm and survival. *Journal of General Internal Medicine*, 16, Supplement 1, 121.
- Chandra, KM D., Parish, D. C., & Dane, F. C. (2001). Survival after resuscitation. *Archives of Internal Medicine*, 161, May 14, 1233.
- Parish, D. C., Dane, F. C., Montgomery, M., Wynn, L. J., Durham, M. D., & Brown, T. D. (2000). Resuscitation in the hospital: Relationship of year and rhythm to outcome. *Resuscitation*, 47, 219-229.
- Dane, F. C., Russell-Lindgren, K. S., Parish, D. C., Durham, M. D., Brown, T. D. (2000). In-Hospital resuscitation: Association between ACLS training and survival to discharge. *Resuscitation*, 47(1), 83-87.
- Smith, M. U., Dane, F. C., Archer, M., Devereaux, R. S., & Katner, H. P. (2000). Students together against negative decisions (S.T.A.N.D.): Evaluation of a

school-based sexual risk reduction intervention in the rural south. *AIDS Education and Prevention: An Interdisciplinary Journal*, 12(1), 49-70.

### **Recent Conference Presentations**

- Patel, D. S., Devereaux, R. S., Teaford, H. G., Dane, F. C., Parish, D. C., Waring, M. E., Kiefe, C. I. (2015, November). High Medication Adherence Shortly After Acute Coronary Syndrome Declines Over One Year; Findings from TRACE-CORE. Poster presented at the Scientific Sessions of the American Heart Association, Orlando, FL, November 10
- Curry-Lourenco, K. & Dane, F. C. (2015, August). Getting started in research: It's easier than you think. Paper presented at the annual meeting of the Virginia State Simulation Alliance, Virginia Beach, VA, August 5.
- Derrenbacker, J., Sharp, M., Carhart, E. D., Cook, J. C., Cromer, M. A., Poulsen, C. R., Dane, F. C. (2015, August). Psychological Fidelity: A measure of realism in simulation. Paper presented at the annual meeting of the Virginia State Simulation Alliance, Virginia Beach, VA, August 5.
- Cunningham, C., Dane, F.C., & Greer, R. (2013, August). Getting research started: Attitude & skill changes after a simulation experience. Paper presented at the meetings of the Virginia State Simulation Alliance, Leesburg, VA, August 1.
- Steer, G. A., Slaughter, M. L., Houston, C., & Dane, F. C. (2013, February). A&P I: Can Student Success Be Predicted With an Assessment Tool? Poster presented at the meetings of Lilly Conference on College and University Teaching, Greensboro, NC, February 15.
- Dane, F. C. (2012, August). Publishing your work. Paper presented at the meetings of the Virginia State Simulation Alliance, Midlothian, VA, August 2.
- Dane, F. C., Colquit, J. D., Parish, D. C., Trammell, A. R., McCullough, J., & Swaddener-Culpepper, L. (2011, August). Mastery Learning of ACLS through Low Technical Fidelity Simulation. Paper presented at the meetings of the Virginia State Simulation Alliance, Radford, VA, August 3.
- Dane, F. C. (2011, May). Demystifying Statistics: Resources for Quantitative Research. Invited Keynote Address presented via teleconference at the meetings of the Association of Pan-African Doctoral Students, Malibu, CA, May 9.
- Colquitt, J. D., Parish, D. C., Trammell, A. R., McCullough, J., Swadener-Culpepper, L. & Dane, F. C. (2010, December). Mastery Learning of ACLS in Internal Medicine Residents Using Low Fidelity Simulation. Paper presented at ECCU2010 (Emergency Cardiovascular Care Update International Educational Conference & Exposition), San Diego, CA, December 9.
- Trammell, A. R., Simmons, J. D., James, E. A., Dane, F. C., & Parish, D. C. (2009, November). A Review of Duration of Survival and Quality of Life After Cardiopulmonary Resuscitation. In "Best Original Resuscitation Science," American Heart Association Scientific Sessions, Orlando, FL, November 15.
- Dane, F. C. (2008, October). The importance of the sources of professional obligations. Invited address presented in R. Hagengruber, Chair, Philosophy's Relevance in Information Science, Paderborn, Germany, October 4.
- Dane, F. C. (2008, March). Restoring Trust in Government and Business: Principles over Rules. In K. Ballstadt, Chair, Ethical sentiments: The restoration of trust in

government and business, Oxford Round Table, Lincoln College, University of Oxford, Oxford, England, March 25.

### **Memberships in Professional Organizations**

American Association for the Advancement of Science  
American Conference of Academic Deans  
American Psychological Association (resigned 2015)  
American Statistical Association  
Association for Psychological Science (formerly American Psychological Society);  
Charter Member  
Royal Statistical Society (Fellow)  
Sigma Xi, The Scientific Research Society (Associate Director, July 2015-pres)  
Society for the Psychological Study of Social Issues  
Society of Personality and Social Psychology  
Society of Southeastern Social Psychologists  
Virginia State Simulation Alliance; Charter Member

### **Editorial Boards**

*Analyses of Social Issues and Public Policy (ASAP)* (2000-pres)  
*Ethnicity & Disease* (2002-2011)  
*Critical Care* (Advisory Board Member, Statistical Reviewer, 2002-pres)  
*World Journal of Critical Care Medicine* (2011-pres)

### **Recent Previous Committees & Service**

2015-2016; Interim Chair, Carilion Research Review Committee, Carilion Clinic  
2013-2015: National Resource Volunteer, Emergency Cardiovascular Care, American Heart Association  
2013-2015; Member, Carilion Clinic Research Planning Committee  
2013-2015: Simulation & Patient Safety Subcommittee, Carilion Clinic  
2012-2013: Interim Program Director, Mathematics & Sciences, JCHS  
2012-2013: Research and Scholarship Council, Jefferson College of Health Sciences  
2011-2015: Member, Therapeutic Hypothermia Oversight Committee, Carilion Clinic  
2011-2013: Member, Emergency Cardiovascular Care Education Committee, American Heart Association  
2010-2013: Member, Academic Policy Committee, Jefferson College of Health Sciences  
2010-2012: Member, Academic Leadership Council, JCHS  
2010-2012: Director, Health Psychology Program, Jefferson College of Health Sciences  
2010-2012: Member, Interprofessional Education (IPE) Course Development Team, JCHS  
2007-2010: Vice-President, Mid-Michigan Statistical Association  
2006-2010; Member, Student Conduct Hearing Board, SVSU  
2006-2008; Editorial Board, *Journal of Empirical Research on Human Ethics Research*  
2005-2008; Selection Panel, Institute for Student Research & Creativity, SVSU  
2004-2010; Chair, Institutional Review Board, SVSU  
2004-2010; Managing Partner, Center for Outcome Research & Evaluation