

Curriculum Vitae

Andrew Scott LaJoie

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Contact Information:

School of Public Health and Information Sciences

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Current Positions

Assistant Professor

Department of Health Promotion and Behavioral Sciences

School of Public Health and Information Sciences

University of Louisville, Louisville, KY

Associate Appointments

James Graham Brown Cancer Center, Prevention and Control Program

Division of Infectious Diseases, School of Medicine, UofL

Department of Psychological and Brain Sciences, UofL

Education

Western Kentucky University, BA Psychology and Photojournalism, Cum Laude, 1994

Western Kentucky University, MA Experimental Psychology (Cognitive Aging), 1997

Thesis: Iconic Memory and Aging: Effect of Stimulus Duration, Stimulus Contrast, and Inter-Stimulus Interval. (Chair: Dr. David Frieske, Western Kentucky University)

University of Louisville, MSPH Biostatistics/Decision Science, 2003

Thesis: An Application of Latent Class Analysis: Determining the Sensitivity and Specificity of Measures of Carpal Tunnel Syndrome (Chair: Dr. Steven McCabe, University of Louisville)

University of Louisville, PhD Experimental Psychology, 2003

Dissertation: The Effects of Affect and Perspective on Decision Making and Health State Evaluations (Chair: Dr. Stephen Edgell, University of Louisville)

Fellowships

Research Fellow, Jewish Hospital and Healthcare Services, Louisville, KY, 2000-02

Research Fellow, Consortium of US Universities, Army Research Institute, Fort Knox, KY, 1997-99

Oak Ridge Associated University, Science Fellowship, Oak Ridge National Laboratories, TN, 1995-96

Statistical Experience

Statistician, Division of Infectious Diseases, University of Louisville, 2003 -
Biostatistician, Christine M. Kleinert Institute for Hand and Microsurgery, Louisville,
KY, 2003-2004
Statistical consultant, Association for Theological School, Philadelphia, PA, 2000-

Teaching

Health Decision and Risk Analysis (PHKC604), SPHIS, Louisville
Social and Behavioral Studies in Medicine (PHCI632), SPHIS, Louisville
Preventive Medicine II (PHCI), SPHIS, Louisville
Kentucky Psychological Association Continuing Education, Hurricane Katrina
and Beyond: Disaster Preparedness and Response training for mental
health professionals. (9 3-hour modules). Co-chair.
Health Informatics, Department of Nursing; Louisville
Clinical Instructor, Department of Surgery; Louisville
Clinical Research Methods Summer Seminar, School of Medicine; Louisville
Cognitive Psychology (P478); Indiana Univ. Southeast
Psychological Research and Statistical Analysis I (PSY316); Louisville
Psychological Research and Statistical Analysis II (PSY317); Louisville
Teaching Assistant: Cognitive Processes (PSY322); Louisville
Teaching Assistant: Quantitative Methods in Psychology (PSY312); Louisville
Teaching Assistant: Experimental Psychology (PSY311); Louisville
Teaching Assistant: UofL: Introduction to Medical Procedures
Teaching Assistant: Western Kentucky Univ.: Developmental Psychology
Teaching Assistant: Western Kentucky Univ.: Experimental Design and Statistics

Publications and published abstracts

1. Arnold, F.W., Summersgill, J.T., **LaJoie, A.S.**, Peyrani, P., Marrie, T.J., Rossi, R., Blasi, F., Fernandez, P., File, Jr., T.M. Rello, J., Menendez, R., Marzoratti, L., Luna, C.M., Ramirez, J.A. (in press). A Worldwide Perspective of Atypical Pathogens in Community-Acquired Pneumonia. *American Journal of Respiratory and Critical Care Medicine*.
2. Carrico, R.L., Coty, M.B., Goss, L.K., & LaJoie, A.S. (2007). Changing healthcare worker behavior in relation to respiratory transmission with a novel training approach that uses biosimulation. *American Journal of Infection Control*, 35(1), 14-19.
3. Peyrani, P., Christensen, D., **LaJoie, A.S.**, Nakamatsu, R., Arnold, F., Schulz, P., et al. (2006). Antibiotic therapy of hospitalized patients with Community-Acquired Pneumonia: An international perspective from the CAPO study. *KMA*, 104, 513-517.
4. Studts, J.L., Ghate, S.R., Gill, J.L., Studts, C.R., Barnes, C.N., **LaJoie, A.S.**, Andrykowski, M.A., & LaRocca, R.V. (2006). Validity of self-reported smoking status among participants in a lung cancer screening trial. *Cancer Epidemiology, Biomarkers and Prevention*, 15(10), 1825-1828.

5. Ridner, S.L., Frost, K., & **LaJoie, A.S.** (2006). Health information and risk behaviors among gay, lesbian, and bisexual college students. *Journal of the American Academy of Nurse Practitioners*, 18(8), 374-378.
6. Arnold, F., **LaJoie, A.S.**, Rodriquez, E., Arteta, F., Roig, J., Rello, J., & Ramirez, J.A. (2006). The pneumonia severity index predicts time to clinical stability in hospitalized patients with community-acquired pneumonia: CAPO international cohort study results. *International Journal of Tuberculosis and Lung Disease*, 10(7), 739-743.
7. Özyüreköglü, T., McCabe, S.J., Goldsmith, L.J., & **LaJoie, A.S.** (2006). The Minimal Clinically Important Difference of the carpal tunnel syndrome symptom severity scale. *Journal of Hand Surgery*, 31(5), 733-738.
8. McCabe, S.J., **LaJoie, A.S.**, & Myers, J.A. (2006). *Bridging the gap between health status and utility with the Minimal Clinically Important Difference*. [Abstract], *Medical Decision Making*, 26(1), E4.
9. McCabe, S.J., **LaJoie, A.S.**, Myers, J.A., Tregaskiss, A., Goodwin, A., Brown, B., Gohmann, S.G., & Edgell, S.E. (2006). *Close to 1. Measuring utilities in upper extremity disorders*. [Abstract], *Medical Decision Making*, 26(1), E48.
10. **LaJoie, A.S.**, McCabe, S.J., & Edgell, S.E. (2005). Determining the Sensitivity and Specificity of Common Diagnostic Tests for Carpal Tunnel Syndrome Using Latent Class Analysis. *Plastic and Reconstructive Surgery*, 116, 502-507.
11. Sanmartin, M., Fernandez, F., **LaJoie, A.S.**, & Gupta, A. (2004). Analysis of prognostic factors in ring avulsion injuries. *Journal of Hand Surgery*, 29(6), 1028-1037.
12. Edgell, S.E., Harbison, J.I., Neace, W.P., Nahinsky, I.D., & **LaJoie, A.S.** (2004). What Is Learned from Experience in a Probabilistic Environment? *Journal of Behavioral Decision Making*, 17, 213-229.
13. Edgell, SE, McCabe, SJ, Breidenbach, WC, **LaJoie, A.S.**, and Abell, T (2003). Predicting the outcome of carpal tunnel syndrome, *Journal of Hand Surgery*, 28A(2), 255-261.
14. **LaJoie, A.S.**, Edgell, S.E., Lorenz, D.J., & McCabe, S.J. (2003). A study of the influence of affect on utility assessment and decision making. [Abstract], *Medical Decision Making*, 23(6), 556.
15. McCabe, S.J., **LaJoie, A.S.**, Hussein, M., and Edgell, S.E. (2003). Circumventing the need for a gold standard in diagnostic test research by using the expanded form of Bayes' theorem. [Abstract], *Medical Decision Making*, 23(6), 582.
16. Edgell, SE, McCabe, SJ, Breidenbach, WC, Neace, WP, **LaJoie, A.S.**, and Abell, T. (2001). Different reference frames can lead to different hand transplantation decisions by patients and physicians, *Journal of Hand Surgery*, 26A(2), 196-200.

Publications (Submitted or Accepted, pending revisions)

- Walker, K.L., Hart, J., & **LaJoie, A.S.** (accepted, with revisions). Minor health problems, communication, and marital life stages. *Journal of Family Communication*.
- Smith, G.D., **LaJoie, A.S.**, & Schecker, L.R. (accepted, with revisions). Congenital trigger digit: A study of its age of onset and incidence of spontaneous resolution. *Journal of Hand Surgery*.

Saint-Cyr, M., **LaJoie, A.S.**, Tan, D., & Tsai, T.M. (submitted). Surgical management of cubital tunnel syndrome : A comparative analysis of outcome using four different techniques. *Journal of Hand Surgery*.

Non-peer reviewed publications

LaJoie, A.S., & Sugano, D. (2004). SMDM: An example of continuous improvement. *Society for Medical Decision Making Newsletter*, 16(3), 5.

Chapters, Technical Reports and Monographs

LaJoie, A.S. (2005). Evidence Based Medicine in Hand Surgery. *Louisville Manual of Hand Surgery*, Christine M. Kleinert Institute

TechRepublic (2002). *TechRepublic's Benchmarks, Trends, and Forecasts: Linux Report*. [Contributing editor and statistical analyst, **LaJoie, A.S.**]: CNET: San Francisco, CA.

LaJoie, AS and Sterling, BS (2000). *Team and small group processes: An annotated bibliography*, Army Research Institute Research Report, # 2000-01.

LaJoie, AS, Draper, JV, and Banta, JL (1995). *Simulation development and analysis of the Advanced Integrated Robotics Rearm System*, Oak Ridge National Laboratory technical manuscript, # 95-1356.

PAPER AND POSTER PRESENTATIONS

1. **LaJoie, A.S.**, Troutman, A., McKinney, W.P., & Gordon-Moore, N. (2006). *Pandemic Flu : Preparing at the community, Professional and Personal level*. (Chair, Panelist). Panel presented at the Kentucky Psychological Association annual meeting, Louisville, KY.
2. **LaJoie, A.S.**, Gohmann, S.F., Myers, J.A., & Studts, J.L. (2006). Using qualitative terms in the standard gamble. A pilot study. Poster presented at the Society for Medical Decision Making annual meeting, Boston, MA.
3. Studts, J.L., Thomas, S.D., **LaJoie, A.S.**, McMasters, K.M., & Chagphar, A.B. (2006). Patient safety and benefits of decision making research shortly following cancer diagnosis. Poster presented at the Society for Medical Decision Making annual meeting, Boston, MA.
4. Aponte, J.F., & LaJoie, A.S. (2006). *State psychological association's response to Hurricane Katrina*. (Panelist). Panel presented at the American Psychological Association annual meeting, New Orleans, LA.
5. **LaJoie, A.S.**, & Ridner, S.L. (2006). *Health Information and its impact on the health of college students*. Paper to be presented at the Kentucky Public Health Association annual meeting, Louisville, KY.
6. Walker, K.L., Hart, J.L., & **LaJoie, A.S.** (2006). *Minor health problems communication, and marital life stages*. Paper to be presented at the International Association for Intercultural Communication Studies annual meeting, San Antonio, TX.
7. LaJoie, A.S. (2006). *Decision Making and Cancer Control*. Brown Cancer Center Bio-behavioral Cancer Control and Prevention Seminar series. Louisville, KY (2/21/06)
8. McCabe, S.J., **LaJoie, A.S.**, Myers, J.A. (2005). *Bridging the gap between health status and utility with the Minimal Clinically Important Difference*. Paper

- presented at the Society for Medical Decision Making Annual Meeting, San Francisco, CA.
9. McCabe, S.J., **LaJoie, A.S.**, Myers, J.A., Tregaskiss, A., Goodwin, A., Brown, B. Gohmann, S.G., & Edgell, S.E. (2005). *Close to 1. Measuring utilities in upper extremity disorders*. Poster presented at the Society for Medical Decision Making Annual Meeting, San Francisco, CA.
 10. LaJoie, A.S., DeLaCruz, R., Lorenz, D.J., & Ramirez, J.A. (2005). *Predicting time to clinical stability and length of hospital stay in patients with community acquired pneumonia*. Poster presented at the Joint Statistical Meetings, Minneapolis, MN.
 11. Saint-Cyr, M., **LaJoie, A.S.**, Tan, D., & Tsai, T.M., (2005). *Surgical management of cubital tunnel syndrome : A comparative analysis of outcome using four different techniques*. Paper presented at the Annual Meeting of the American Society for Surgery of the Hand, San Antonio, TX.
 12. Mujadzic, M., Gonzalez, R., **LaJoie, A.S.**, & Saint-Cyr, M.(2005). *The vascular anatomy and cutaneous territory of the radial forearm perforator flap: A cadaver study*. Poster presented at the Annual Meeting of the American Society for Surgery of the Hand, San Antonio, TX.
 13. LaJoie, A.S., McCabe, S.J., & Edgell, S.E. (2004). *Using latent class analysis to estimate test accuracy for common measures of carpal tunnel syndrome*. Poster presented at the Society for Medical Decision Making Annual Meeting, Atlanta, GA.
 14. LaJoie, A.S., McCabe, S.J., & Edgell, S.E. (2004). *A threshold approach to the management of carpal tunnel syndrome*. Paper presented at the 9th Congress of the International Federation of Societies for Surgery of the Hand, Budapest, Hungary.
 15. LaJoie, A.S., McCabe, S.J., Harter, B.T., & Edgell, S.E. (2004). *Quality of life in patients with carpal tunnel syndrome*. Poster presented at the 9th Congress of the International Federation of Societies for Surgery of the Hand, Budapest, Hungary.
 16. LaJoie, A.S., Harter, B.J., McCabe, S.J., & Edgell, S.E. (2003). *Measuring utility in patients with carpal tunnel syndrome*. Paper presented at the American Society for Peripheral Nerve Annual Meeting, Palm Springs, CA.
 17. LaJoie, A.S., Edgell, S.E., Lorenz, D.J., & McCabe, S.J. (2003). *A study of the influence of affect on utility assessment and decision making*. Poster presented at the Society for Medical Decision Making Annual Meeting, Chicago, IL.
 18. McCabe, S.J., **LaJoie, A.S.**, Hussein, M., & Edgell, S.E. (2003). *Circumventing the need for a gold standard in diagnostic test research by using the expanded form of Bayes' theorem*. Poster presented at the Society for Medical Decision Making Annual Meeting, Chicago, IL.
 19. Christensen, D. **LaJoie, A.S.**, Jain, S., De la Cruz, R., Shulz, P., Cansada, Z. Ramirez, J. and CAPO Investigators. *Does the presence of HIV infection adversely affect the clinical outcome of patients admitted with Community-acquired pneumonia? Results from the Community-Acquired Pneumonia Organization (CAPO) International Cohort Study*. Poster presented at Research!Louisville, Louisville, KY.
 20. De la Cruz, R.M., Arnold, D.O., Khanzada, Z., Smith, R, **LaJoie, A.S.**, Ramirez, J. & the CAPO Investigators. *Empiric Antibiotic therapy with fluoroquinolones in*

- hospitalized patients with community-acquired pneumonia is associated with decreased time to switch therapy, length of stay and mortality. Results from the CAPO International Cohort Study.* Poster presented at Research!Louisville, Louisville, KY.
21. Edgell, S.E., McCabe, S.J., Breidenbach, W.C., & **LaJoie, A.S.** (2002). *Deciding about a hand transplant.* Poster presented at the Society of Judgment and Decision Making, Kansas City, MO.
 22. LaJoie, A.S. (2003). *Utility measurement in carpal tunnel syndrome.* Paper presented at the 19th Annual Louisville-Indianapolis-Cincinnati Hand Conference, Louisville, KY.
 23. Edgell, S.E., McCabe, S.J., Breidenbach, W.C., & **LaJoie, A.S.** (2002). *Deciding about a hand transplant.* Poster presented at the Society of Judgment and Decision Making, Kansas City, MO.
 24. LaJoie, A.S., Harter, B.T., McCabe, S.J., & Edgell, S.E. (2002). *Health state evaluations using two utility measures.* Poster presented at Research!Louisville, Louisville, KY.
 25. McCabe, S.J., **LaJoie, A.S.**, Harter, B.T., & Edgell, S.E. (2002). *Expanded use of Bayes' theorem for diagnosis of carpal tunnel syndrome.* Poster presented at Research!Louisville, Louisville, KY.
 26. LaJoie, A.S. (2002). *Lessons learned from decision science.* Paper presented at the Biostatistics and Decision Science Seminar series, University of Louisville, Louisville, KY.
 27. LaJoie, A.S. and Thompson, J.M. (2002). *An Open-Systems approach to understanding community mental health.* Paper presented at the New Initiatives in Mental Health workshop, Belize, Central America.
 28. LaJoie, A.S., McCabe, S.J., and Edgell, S.E. (2002). *Using decision analysis in the management of Carpal Tunnel Syndrome.* Paper presented at the American Association of Hand Surgeons Annual Meeting, Cancun, Mexico.
 29. LaJoie, A.S. (2001). *The use of decision theory in the clinical management of carpal tunnel syndrome.* Paper presented at the 17th Annual Indianapolis-Louisville-Cincinnati Hand Surgery Conference, Indianapolis, IN.
 30. LaJoie, A.S., McCabe, S.J., and Edgell, S.E. (2001). *A comprehensive approach to the management of Carpal Tunnel Syndrome.* Poster presented at the American Society for Peripheral Nerve's Annual Meeting, San Diego, CA.
 31. McCabe, S.J., **LaJoie, A.S.**, and Edgell, S.E. (2001). *The relationship between probability and electrical testing in Carpal Tunnel Syndrome.* Paper presented at the American Society for Peripheral Nerve's Annual Meeting, San Diego, CA.
 32. Edgell, S.E., Neace, W.P., **LaJoie, A.S.**, and McCabe, S.J. (2000). *Utilization of configural signs.* Poster presented at the Society of Judgment and Decision Making, New Orleans, LA.
 33. Edgell, S.E., Neace, W.P., and **LaJoie, A.S.** (1999). *Cue competition and salience in probabilistic categorization learning II.* Poster presented at the 40th Annual meeting of the Psychonomic Society, Los Angeles, CA.
 34. LaJoie, A.S., Irwin-Chase, H., Burns, B., Taylor, L., and Essock, E.A. (1999). *Individual differences in a texture segregation task using a night vision device.*

- Poster presented at the Human Factors and Ergonomics Society Annual Meeting, Houston, Tx.
35. Frieske, D.A. and **LaJoie, A.S.** (1998). *Effects of stimulus contrast and inter-stimulus interval on age differences in iconic memory*. Poster presented at the 7th Annual Cognitive Aging Conference, Atlanta, GA.
 36. LaJoie, A.S., and Frieske, D.A. (1997). *Iconic memory and aging: Effects of stimulus duration, letter contrast and cue delay*. Poster presented at the 38th Annual meeting of the Psychonomic Society, Philadelphia, PA.
 37. LaJoie, A.S. (1996). *Specific errors made by older adults on the Benton Visual Retention Test*. Paper presented at the Sigma Xi Research Conference, Western Kentucky University, Bowling Green, KY.
 38. LaJoie, A.S., Ray, K.D. and Jamison, T.M. (1996). *The effects of Coping Humor on stress levels of college students*. Poster presented at the Southeastern Psychology Research Conference, Belmont University, Nashville, TN.
 39. LaJoie, A.S. (1996). *Deriving isoluminant visual stimuli in goldfish using conditioned suppression*. Poster presented at the Kentucky Academy of Science Annual Conference, Hartland Convention Center, Bowling Green, KY.
 40. LaJoie, A.S., Chatman, S.J. and Bilotta, J. (1994). *Deriving isoluminant visual stimuli in goldfish using conditioned suppression*. Poster presented at the Ninth Annual Southeastern Undergraduate Psychology Research Conference, Vanderbilt University, Nashville, TN.

Grants (funded, completed, submitted)

- Smoking Risks Factors among Lesbian, Gay, and Bisexual (LGB) College Students. NIH: R21. Submitted Apr. 2006: PI: S.L. Ridner. Role: Co-Investigator
- Understanding the decision for axillary node dissection in breast cancer patients. NIH: R21. Submitted Feb. 2006: PI: A. Chagpar. Role: Investigator.
- Attitudes and beliefs regarding nicotine vaccines as treatment and prophylaxis for nicotine dependence. Commonwealth of Kentucky Lung Cancer Research Program. Funded July 2006. P.I.: J.L. Studts. Role: Co-P.I.
- Behavioral, Cognitive, and Affective responses to lung cancer screening. Commonwealth of Kentucky Lung Cancer Research. Funded Oct. 2003, \$282,658. PI: J.L. Studts. Role: Investigator.
- Changing Healthcare Worker Behavior in Relation to Respiratory Disease Transmission With a Novel Training Approach that Uses Biosimulation, Research Foundation for Prevention of Complications Associated with Healthcare, a Division of APIC. Funded December 2004, Completed. \$7,250. PI: R. Carrico. Role: Consultant.
- Medicaid Palliative Care Management Project. Foundation for a Healthy Kentucky. Funded September 2005, \$231,000. PI: M. Pfifer. Role: Investigator.
- Kentucky Bioterrorism Assessment Project. Kentucky Hospital Research and Education Foundation. Funded June 2005, Completed. \$155,739. PI: R. Esterhay. Role: Investigator.

Service

- Vice Chair, Katrina Task Force, *Kentucky Psychological Association*, Louisville, KY.
 Chair, Membership Committee, Society for Medical Decision Making

Co-chair, Admissions Committee, MPH-program, University of Louisville
Member, Communications Committee, MPH-program, University of Louisville
Research Board Member, *Center for Women and Families*, Louisville, KY.
Participant, *International Service Learning Project*, Belize, CA

Special Training

Univ. of Missouri (2005, 6). Wakonse Conference on College Teaching, Lake Michigan
CDC (2006). Using CDCynergy in Health Campaigns, Univ. of Nevada – Reno.
LMHD (2005). Louisville Metro Community-based Emergency Response Program
Univ. of Louisville (2005). Delphi Center: Designing online learning.

Memberships

Society of Medical Decision Making
Human Factors and Ergonomics Society
American Statistical Association
American Public Health Association
Kentucky Psychological Association

Thesis and Dissertation Committees

Youseff-Agha, A. (2006). *Multi-objectives Simulation-Based Methodologies For Medical Decision Making*. Dissertation. Degree: PhD, Dept. of Biostatistics, School of Public Health and Information Sciences, University of Louisville (reader).

Hussein, M. (2006). *A Bayesian model for polytomus ordinal misclassified correlated dependent variables with an application in Carpal Tunnel Syndrome diagnosis*. Dissertation. Degree: PhD, Dept. of Biostatistics, School of Public Health and Information Sciences, University of Louisville (reader).

Shunzhi Ye (2005). *Covariance structure selection in linear mixed models for longitudinal data*. Thesis. Degree: MSPH. Dept. of Biostatistics, School of Public Health and Information Sciences, University of Louisville (reader).