

NAME: Michael C. Mosier

EDUCATION:	<u>DEGREE</u>	<u>MAJOR</u>	<u>DEGREE GRANTING INSTITUTION</u>
	Ph.D.	Statistics	Colorado State University
	M.S.	Mathematics	Emporia State University
	B.S.	Math. Educ.	Emporia State University

PROFESSIONAL APPOINTMENTS:

CURRENT: Assistant Professor, Washburn University

PREVIOUS: Assistant Professor, Univ. of Kansas Medical Center

CLASSES TAUGHT IN PAST TWO YEARS:

Trigonometry (MA 117)  
Statistics (MA 140)  
Mathematics of Finance (MA 148)  
Contemporary Actuarial Concepts (MA 271)  
Applied Statistics (MA 343)  
Mathematical Statistics I (MA 344)  
Mathematical Statistics II (MA 345)  
Regression Analysis (MA 346)

PUBLICATIONS/PRESENTATIONS/JURIED SHOWS/etc. (past five years)

***Publications:***

Dean, C., **Mosier, M.**, Penry, K., (1999), "Dose-Response Study of Vigabatrin as Add-On Therapy in Patients with Uncontrolled Complex Partial Seizures", *Epilepsia*, 40(1): p 74.

Jolicoeur D.G., Ahluwalia J.S., Richter K., **Mosier M.C.**, Harris K.J., Gibson C. and Morantez C.A., (2000) "The use of nicotine patches with minimal intervention", *Preventive Medicine*, 30(1): p 504-512.

Gessert, C.E., **Mosier, M.C.**, Brown, E.F., and Frey, B., (2000), "Tube Feeding in Nursing Home Residents with Severe and Irreversible Cognitive Impairment," *Journal of the American Geriatrics Society*, 48(12): p 1583-1600.

**Mosier, M.C.**, Whitmore, J., (2000), "An In-Class Exercise for Teaching Clinical Trial Design Issues to Health Science Students and Professionals," *Proceedings of the Section on Statistical Education, ASA*, p 147-152.

Ziegler, D., **Mosier, M.C.**, Buenaver, M., Okuyemi, K., (2001), "How Much Information About Adverse Effects Of Medication Do Patients Want From Physicians?", *Archives of Internal Medicine*, 2001; 161(5):706-713.

Ellerbeck, E.F., Ahluwalia, J.S., Jolicoeur, D.G., Gladden, J., **Mosier, M.C.**, "Direct Observation of Smoking Cessation Activities in Primary Care Practice," *Journal of Family Practice*, 2001

Aug; 50(8): 688-93.

Ellerbeck, E.F., Engelman, K., Gladden, J., **Mosier, M.C.**, Raju, G.S., and Ahluwalia, J.S., "Direct Observation of Counseling on Colorectal Cancer in Rural Primary Care Practices," *Journal of General Intern Medicine*. 2001 Oct; 16(10): 697-700.

Engelman KK, Hawley D, Gazaway R, **Mosier MC**, Ahluwalia JS, Ellerbeck EF, (2002), "Impact of geographic barriers on the utilization of mammograms among older rural women," *Journal of American Geriatrics Society*; 50: 62-68.

Richter, K.P., Ahluwalia, H.K., **Mosier, M.C.**, Nazir, N., Ahluwalia, J.S., (2002), "A population-based study of cigarette smoking among illicit drug users in the United States," *Addiction*; 97: 861-869.

Okuyemi, K.S., Richter, K.P., Ahluwalia, J.S., **Mosier, M.C.**, Nazir, N., Resnicow, K., "Smoking Reduction Practices Among African American Smokers.," *Nicotine and Tobacco Research*, 2002; 4 Suppl 2: S167-73.

Carroll, T., Engelken, M., **Mosier, M.C.**, Nazir, N., "Epidural Analgesia and Severe Perineal Laceration in a Community Based Obstetrical Practice," *The Journal of the American Board of Family Practice*, 16:1-6 (2003). Jan-Feb; 16(1): 1-6.

Salman, G.F., **Mosier, M.C.**, Beasley, B.W. & Calkins, D.R., (2003), "Rehabilitation for Patients With Chronic Obstructive Pulmonary Disease." *Journal of General Internal Medicine*, 18 (3), 213-221.

Engelman, K.K., Altus, D.E, **Mosier, M.C.**, Mathews, R.M., (2003), "Brief Training to Promote the Use of Least Intrusive Prompts by Nursing Assistants in a Dementia Care Unit," *Journal of Applied Behavior Analysis*, 36, 129-132.

Jolicoeur D.G., Richter K.P., Ahluwalia J.S., **Mosier M.C.**, Resnicow, K., "Smoking cessation, smoking reduction, and delayed quitting among smokers given nicotine patches and a self-help pamphlet", *Substance Abuse*, 2003 Jun; 24(2): 101-6.

Smith, C.E., Curtas, S., Kleinbeck, S.V.M., Werkowitch, M., **Mosier, M.**, Seidner, D.L., Steiger, E., "Clinical Trial of Interactive and Videotaped Educational Interventions to Reduce Catheter-Related Infection, Reactive Depression, and Rehospitalizations for Sepsis in Patients Receiving Home Parenteral Nutrition," *Journal of Parenteral and Enteral Nutrition*, 2003 Mar-Apr; 27(2): 137-45.

Okuyemi, K.S., Ahluwalia, J.S., Banks, R., Harris, K.J., **Mosier, M.C.**, Nazir, N., Powell, J., "Differences in Smoking and Quitting Experiences by Levels of Smoking Among African Americans.," *Ethnicity & Disease*, 2004 Winter;14(1):127-33.

Richter, K.P., Ahluwalia, H.K., Resnicow, K., Nazir, N., **Mosier, M.C.**, Ahluwalia, J.S., "Cigarette Smoking Among Marijuana Users In The United States," *Substance Abuse*, (in

press).

Scott-Koontz, J.S., Harris, K.J., Okuyemi, K.S., **Mosier, M.C.**, Grobe, J., Nazir, N., Ahluwalia, J.S., "Patterns in the Treatment of College Smokers by Health Care Providers," *Journal of American College Health*, (in press).

***Presentations:***

Sun, C., Guillory, VJ., Terre, L., Edlavitch, SA., **Mosier, M.C.**, "Is There an Association Between Cigarette Smoking and Risky Weight Control Behaviors Among Currently Dieting Adolescents?" (abstract) *Annals of Epidemiology*, 1999, 9(7):, p 451.

Moranetz, C.A., Hamming, B.J., Moore, W.P., **Mosier, M.C.**, Turkmani, D.F., Young, B., and Anthony, A., "Service Learning: Merging Medicine and Public Health, The Community Health Project at the University of Kansas," Presented at the annual meetings of the Association of Teachers of Preventive Medicine, March 2000.

Ellerbeck, E.F., Engelman, K., Hornberger, C., **Mosier, M.C.**, Howard, P., "Rural-Urban Differences in Access to Reperfusion for Acute Myocardial Infarction," (abstract) *Journal of General Internal Medicine*, 2000, 15(1), p 64.

Ellerbeck, E.F., Engelman, K., Gladden, J., **Mosier, M.C.**, Raju, G.S., and Ahluwalia, J.S., "Direct Observation of Counseling on Colorectal Cancer in Primary Care Practice," (abstract) *Journal of General Internal Medicine*, 2000, 15(1), p 112.

Laird, R., Webb, M., and **Mosier, M.C.**, "Medication Review For Homebound Elderly By A Geriatric Pharmacist: A Pilot Program," *Poster presented at the Annual Scientific Meeting of the American Geriatric Society*, May 17-21, 2000 in Nashville, TN.

Laird, R., Wiggins, S., and **Mosier, M.C.**, "Screening For Excess Disability In Homebound Elderly: A Pilot Of The KU High Risk Screen For Excess Disability," *Poster presented at the Annual Scientific Meeting of the American Geriatric Society*, May 17-21, 2000 in Nashville, TN.

Ellerbeck, E.F., Engelman, K.K., Hawley, D., Gazaway, R., **Mosier, M.C.** "Mammography access and utilization among rural Medicare beneficiaries," *The Gerontologist*, 2000, 40(1), p 147.

Sharma, M., **Mosier, M.C.**, Salman, G., Calkins, D.R., "The Pattern of Influenza and Pneumococcal Vaccination in Long-term Care Facilities in The State of Kansas," Poster presented at the Annual Society of General Internal Medicine meetings, May, 2000.

Sharma M., **Mosier M.C.**, Ziegler D.K., Calkins D.R., "Communication about Side Effects of Prescription Drugs: Do Physicians Understand Patients' Expectations?" *Proceedings of the*

*International Conference On Health & Communication, Barcelona, Spain, 2000*

Hochberg, Y., **Mosier, M.C.**, “Intersection-Union Procedures for Some Restricted Models”, *Presented at the International Conference on Multiple Comparisons, June, 2000, Berlin, Germany.*

**Mosier, M.C.**, Whitmore, J., “An In-Class Exercise for Teaching Clinical Trial Design Issues to Health Science Students and Professionals,” *Presented at the Joint Statistical Meetings of the American Statistical Association, Aug. 2000.*

**Mosier, M.C.**, “Confidence Intervals for Contrasts Involving the Fixed Effects in a Balanced, Three Factor Mixed Model,” *Presented at the Joint Statistical Meetings of the American Statistical Association, Aug. 2000.*

Moranetz, C.A., Klingler, R.S., Liu, R.A., Kim, K.A., **Mosier M.C.**, “Medicine and Public Health Service Learning: The Community Health Project at the University of Kansas” *American Journal of Health Promotion, 12th Annual Art and Science of Health Promotion Conference, Feb. 14-16, 2001.*

Choi, W.S., Ahluwalia J.S., Nazir N., **Mosier M.C.**, “Are There Demographic Differences In Adolescent Quitting?” March 23, 2001, Seattle, WA., *Proceedings from the Seventh Annual Scientific Meeting of the Society for Research on Nicotine and Tobacco (SRNT), 2001.*

Okuyemi, K.S., Ahluwalia, J.S., Harris, K.J., **Mosier, M.** “Nicotine Dependence Among African American Light Smokers.”, March 23, 2001, Seattle, WA., *Proceedings from the Seventh Annual Scientific Meeting of the Society for Research on Nicotine and Tobacco (SRNT), 2001.*

Richter, K.P., Ahluwalia, H.K., **Mosier, M.C.**, Nazir, N., Ahluwalia, J.S., “Do all illicit drug users smoke?”, March 23, 2001, Seattle, WA., *Proceedings from the Seventh Annual Scientific Meeting of the Society for Research on Nicotine and Tobacco (SRNT), 2001.*

Hornberger, L.L., Ahluwalia, H.K., Choi, W., **Mosier, M.C.**, Lynch, D.A., “Personal Factors Associated with Incoming Residents’ Willingness to Discuss Abortion with Pregnant Adolescents,” *Pediatric Academic Societies Meeting, Baltimore, April 30, 2001*

Lionelli GT, Pickus EJ, Bray JG, Mani MM, Cramer AR, Reynolds WR, DeCoursey RL, **Mosier MC**, Korentager RA, “A Three Decade Analysis Of Factors Affecting Burn Mortality In The Elderly,” *Proceedings of the American Burn Association Meetings, April 2001.*

Scott-Koontz, J., Harris, K.J., **Mosier, M.C.**, “Patterns In The Treatment Of College Smokers By Health Care Providers,” Feb. 23, 2002, Savannah, GA., *Proceedings from the Eighth Annual Scientific Meeting of the Society for Research on Nicotine and Tobacco (SRNT), 2002.*

Neuberger, JS, **Mosier, MC**, Albert, ML, Nazir, N, Brooks, BD, “Blood Lead Levels in Galena, KS: A Heavy Metal Mining Superfund Site,” *Proceedings of the 131st Annual Meeting of*

*The American Public Health Association, Nov 15-19, 2003, San Francisco, CA.*

**Mosier, M.C.**, "Getting Students To Put Their Hearts Into Statistical Topics," *Presented at the Joint Statistical Meetings of the American Statistical Association, Aug. 8, 2004, Toronto, Ontario, Canada.*

TEACHING INNOVATION PAST FIVE YEARS:

Developed many original in class exercises for teaching intro statistics. Given two national presentations and several local presentations, and written two papers on these topics.

CONTRIBUTIONS TO LOCAL, STATE, AND NATIONAL COMMUNITIES  
(including University governance)

University Research Committee.

Session Chair at the Joint Statistical Meetings of the American Statistical Association.

Member of Editorial Review Board, Drug Information Association Journal.

Journal Article Referee, Nicotine & Tobacco Research.

Journal Article Referee, Biometrical Journal.