



Lisa M. Jack

Academic Prog Prof 2, Emergency Medicine

Bio

CURRENT ROLE AT STANFORD

Primary role at Stanford is to support research efforts in the Department of Emergency Medicine.

Goals include building research infrastructure to support all EMed investigators, leveraging the strength of Stanford University to produce high-impact and innovative emergency care research, and supporting the efforts to become a national leader in academic emergency medicine research.

Also involved with supporting the efforts of the Twin Registry at Stanford - a valuable resource for research into the influences of genetics on a variety of traits and conditions.

EDUCATION AND CERTIFICATIONS

- B.A., University of California, Santa Barbara , Biology
- M.A, San Jose State University , Health Science

Publications

PUBLICATIONS

- **Outcomes from a patient-centered residential treatment plan for tobacco dependence.** *Mayo Clinic proceedings*
Hodgkin, J. E., Sachs, D. P., Swan, G. E., Jack, L. M., Titus, B. L., Waldron, S. J., Sachs, B. L., Brigham, J.
2013; 88 (9): 970-6
- **The Twin Research Registry at SRI International.** *Twin research and human genetics : the official journal of the International Society for Twin Studies*
Krasnow, R. E., Jack, L. M., Lessov-Schlaggar, C. N., Bergen, A. W., Swan, G. E.
2013; 16 (1): 463-70
- **Asthma Discordance in Twins Is Linked to Epigenetic Modifications of T Cells** *PLOS ONE*
Runyon, R. S., Cachola, L. M., Rajeshuni, N., Hunter, T., Garcia, M., Ahn, R., Lurmann, F., Krasnow, R., Jack, L. M., Miller, R. L., Swan, G. E., Kohli, A., Jacobson, et al
2012; 7 (11)
- **Varenicline for smoking cessation: nausea severity and variation in nicotinic receptor genes.** *The pharmacogenomics journal*
Swan, G. E., Javitz, H. S., Jack, L. M., Wessel, J., Michel, M., Hinds, D. A., Stokowski, R. P., McClure, J. B., Catz, S. L., Richards, J., Zbikowski, S. M., Deprey, M., McAfee, et al
2012; 12 (4): 349-58
- **Adherence to varenicline in the COMPASS smoking cessation intervention trial.** *Nicotine & tobacco research : official journal of the Society for Research on Nicotine and Tobacco*
Catz, S. L., Jack, L. M., McClure, J. B., Javitz, H. S., Deprey, M., Zbikowski, S. M., McAfee, T., Richards, J., Swan, G. E.

2011; 13 (5): 361-8

- **Utilization of services in a randomized trial testing phone- and web-based interventions for smoking cessation.** *Nicotine & tobacco research : official journal of the Society for Research on Nicotine and Tobacco*
Zbikowski, S. M., Jack, L. M., McClure, J. B., Deprey, M., Javitz, H. S., McAfee, T. A., Catz, S. L., Richards, J., Bush, T., Swan, G. E.
2011; 13 (5): 319-27
- **Cost-effectiveness of varenicline and three different behavioral treatment formats for smoking cessation.** *Translational behavioral medicine*
Javitz, H. S., Zbikowski, S. M., Deprey, M., McAfee, T. A., McClure, J. B., Richards, J., Catz, S. L., Jack, L. M., Swan, G. E.
2011; 1 (1): 182-190
- **Resequencing of nicotinic acetylcholine receptor genes and association of common and rare variants with the Fagerström test for nicotine dependence.** *Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology*
Wessel, J., McDonald, S. M., Hinds, D. A., Stokowski, R. P., Javitz, H. S., Kennemer, M., Krasnow, R., Dirks, W., Hardin, J., Pitts, S. J., Michel, M., Jack, L., Ballinger, et al
2010; 35 (12): 2392-402
- **Smoking outcome by psychiatric history after behavioral and varenicline treatment.** *Journal of substance abuse treatment*
McClure, J. B., Swan, G. E., Catz, S. L., Jack, L., Javitz, H., McAfee, T., Deprey, M., Richards, J., Zbikowski, S. M.
2010; 38 (4): 394-402
- **Behavioral counseling and varenicline treatment for smoking cessation.** *American journal of preventive medicine*
Swan, G. E., McClure, J. B., Jack, L. M., Zbikowski, S. M., Javitz, H. S., Catz, S. L., Deprey, M., Richards, J., McAfee, T. A.
2010; 38 (5): 482-90
- **Clinical trial participant characteristics and saliva and DNA metrics.** *BMC medical research methodology*
Nishita, D. M., Jack, L. M., McElroy, M., McClure, J. B., Richards, J., Swan, G. E., Bergen, A. W.
2009; 9: 71
- **Impact of symptoms experienced by varenicline users on tobacco treatment in a real world setting.** *Journal of substance abuse treatment*
Halperin, A. C., McAfee, T. A., Jack, L. M., Catz, S. L., McClure, J. B., Deprey, T. M., Richards, J., Zbikowski, S. M., Swan, G. E.
2009; 36 (4): 428-34
- **Mood, side-effects and smoking outcomes among persons with and without probable lifetime depression taking varenicline.** *Journal of general internal medicine*
McClure, J. B., Swan, G. E., Jack, L., Catz, S. L., Zbikowski, S. M., McAfee, T. A., Deprey, M., Richards, J., Javitz, H.
2009; 24 (5): 563-9
- **Canary in a coal mine? Interest in bupropion SR use among smokers in the COMPASS trial.** *Nicotine & tobacco research : official journal of the Society for Research on Nicotine and Tobacco*
McClure, J. B., Jack, L., Deprey, M., Catz, S., McAfee, T., Zbikowski, S., Westbrook, E., Swan, G.
2008; 10 (12): 1815-6
- **Predictors of 12-month outcome in smokers who received bupropion sustained-release for smoking cessation.** *CNS drugs*
Swan, G. E., Jack, L. M., Javitz, H. S., McAfee, T., McClure, J. B.
2008; 22 (3): 239-56
- **Adolescent smoking trajectories and nicotine dependence.** *Nicotine & tobacco research : official journal of the Society for Research on Nicotine and Tobacco*
Lessov-Schlaggar, C. N., Hops, H., Brigham, J., Hudmon, K. S., Andrews, J. A., Tildesley, E., McBride, D., Jack, L. M., Javitz, H. S., Swan, G. E.
2008; 10 (2): 341-51
- **Joint effect of dopaminergic genes on likelihood of smoking following treatment with bupropion SR.** *Health psychology : official journal of the Division of Health Psychology, American Psychological Association*
Swan, G. E., Jack, L. M., Valdes, A. M., Ring, H. Z., Ton, C. C., Curry, S. J., McAfee, T.
2007; 26 (3): 361-8
- **Financial burden of tobacco use: an employer's perspective.** *Clinics in occupational and environmental medicine*
Javitz, H. S., Zbikowski, S. M., Swan, G. E., Jack, L. M.
2006; 5 (1): 9-29, vii

- **Dopamine receptor DRD2 genotype and smoking cessation outcome following treatment with bupropion SR.** *The pharmacogenomics journal*
Swan, G. E., Valdes, A. M., Ring, H. Z., Khroyan, T. V., Jack, L. M., Ton, C. C., Curry, S. J., McAfee, T.
2005; 5 (1): 21-9
- **Return on investment of different combinations of bupropion SR dose and behavioral treatment for smoking cessation in a health care setting: an employer's perspective.** *Value in health : the journal of the International Society for Pharmacoeconomics and Outcomes Research*
Javitz, H. S., Swan, G. E., Zbikowski, S. M., Curry, S. J., McAfee, T. A., Decker, D., Patterson, R., Jack, L. M.
2004; 7 (5): 535-43
- **Cost-effectiveness of different combinations of bupropion SR dose and behavioral treatment for smoking cessation: a societal perspective.** *The American journal of managed care*
Javitz, H. S., Swan, G. E., Zbikowski, S. M., Curry, S. J., McAfee, T. A., Decker, D. L., Patterson, R., Jack, L. M.
2004; 10 (3): 217-26
- **Heterogeneity in 12-month outcome among female and male smokers.** *Addiction (Abingdon, England)*
Swan, G. E., Javitz, H. S., Jack, L. M., Curry, S. J., McAfee, T.
2004; 99 (2): 237-50
- **Bupropion SR and counseling for smoking cessation in actual practice: predictors of outcome.** *Nicotine & tobacco research : official journal of the Society for Research on Nicotine and Tobacco*
Swan, G. E., Jack, L. M., Curry, S., Chorost, M., Javitz, H., McAfee, T., Dacey, S.
2003; 5 (6): 911-21
- **Effectiveness of bupropion sustained release for smoking cessation in a health care setting: a randomized trial.** *Archives of internal medicine*
Swan, G. E., McAfee, T., Curry, S. J., Jack, L. M., Javitz, H., Dacey, S., Bergman, K.
2003; 163 (19): 2337-44
- **Environmental and genetic determinants of tobacco use: Methodology for a multidisciplinary, longitudinal family-based investigation** *CANCER EPIDEMIOLOGY BIOMARKERS & PREVENTION*
Swan, G. E., Hudmon, K. S., Jack, L. M., Hemberger, K., Carmelli, D., Khroyan, T. V., Ring, H. J., Hops, H., Andrews, J. A., Tildesley, E., McBride, D., Benowitz, N., Webster, et al
2003; 12 (10): 994-1005
- **Bupropion SR and smoking cessation in actual practice: methods for recruitment, screening, and exclusion for a field trial in a managed-care setting.** *Preventive medicine*
Jack, L. M., Swan, G. E., Thompson, E., Curry, S. J., McAfee, T., Dacey, S., Bergman, K.
2003; 36 (5): 585-93
- **Self-reported abstinence effects in the first month after smoking cessation** *Addictive Behaviors*
Ward, M. M., Swan, G. E., Jack, L. M.
2001; 26 (3): 311-27
- **Relationship of family history scores for stroke and hypertension to quantitative measures of white-matter hyperintensities and stroke volume in elderly males.** *Neuroepidemiology*
Reed, T., Kirkwood, S. C., DeCarli, C., Swan, G. E., Miller, B. L., Wolf, P. A., Jack, L. M., Carmelli, D.
2000; 19 (2): 76-86
- **The contribution of genetic influences to measures of lower-extremity function in older male twins.** *The journals of gerontology. Series A, Biological sciences and medical sciences*
Carmelli, D., Kelly-Hayes, M., Wolf, P. A., Swan, G. E., Jack, L. M., Reed, T., Guralnik, J. M.
2000; 55 (1): B49-53
- **Differential genetic influence for components of memory in aging adult twins.** *Archives of neurology*
Swan, G. E., Reed, T., Jack, L. M., Miller, B. L., Markee, T., Wolf, P. A., DeCarli, C., Carmelli, D.
1999; 56 (9): 1127-32
- **Association of midlife blood pressure to late-life cognitive decline and brain morphology.** *Neurology*
Swan, G. E., DeCarli, C., Miller, B. L., Reed, T., Wolf, P. A., Jack, L. M., Carmelli, D.
1998; 51 (4): 986-93

- **Evidence for genetic variance in white matter hyperintensity volume in normal elderly male twins** *STROKE*
Carmelli, D., Decarli, C., Swan, G. E., Jack, L. M., Reed, T., Wolf, P. A., Miller, B. L.
1998; 29 (6): 1177-1181
- **Subgroups of smokers with different success rates after use of transdermal nicotine.** *Addiction (Abingdon, England)*
Swan, G. E., Jack, L. M., Ward, M. M.
1997; 92 (2): 207-17
- **Abstinence effects as predictors of 28-day relapse in smokers** *Addictive Behaviors*
Swan, G. E., Ward, M. M., Jack, L. M.
1996; 21 (4): 481-90
- **Ambulatory monitoring of heart rate and blood pressure during the first week after smoking cessation.** *American journal of hypertension*
Ward, M. M., Swan, G. E., Jack, L. M., Javitz, H. S., Hodgkin, J. E.
1995; 8 (6): 630-4
- **Effect of smoking cessation and relapse on cardiovascular levels and reactivity.** *Psychopharmacology*
Ward, M. M., Swan, G. E., Jack, L. M., Javitz, H. S.
1994; 114 (1): 147-54
- **Cardiovascular reactivity as a predictor of relapse in male and female smokers.** *Health psychology : official journal of the Division of Health Psychology, American Psychological Association*
Swan, G. E., Ward, M. M., Jack, L. M., Javitz, H. S.
1993; 12 (6): 451-8
- **Differential rates of relapse in subgroups of male and female smokers.** *Journal of clinical epidemiology*
Swan, G. E., Ward, M. M., Carmelli, D., Jack, L. M.
1993; 46 (9): 1041-53