

BIOGRAPHICAL SKETCH

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NAME Killen, Joel D.	POSITION TITLE		
eRA COMMONS USER NAME Killen.Joel	Professor, Department of Medicine		
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
University of California, Davis, CA	B.A.	1972	Rhetoric/Comm.
University of Oregon, Eugene, OR		1972-74	Communication
Stanford University, Stanford, CA	Ph.D.	1982	Counseling/Psych

A. Positions and Honors**Professional Experience**

Present	Professor, Dept. of Medicine, Stanford Univ. School of Medicine
1993 - 2000	Associate Professor, Dept. of Medicine, Stanford Univ. School of Medicine
1992 - 1993	Senior Research Scientist, NICHD, NIH
1988 - 1992	Senior Research Scientist, Stanford University School of Medicine
1984 - 1988	Research Associate, Stanford University School of Medicine

B. Selected Peer-reviewed Publications (out of a total of 117)

Killen, J.D., Maccoby, N., Taylor, C.B. (1984). Nicotine gum and self-regulation training in smoking relapse prevention. *Behavior Therapy*, 15, 234-248.

Robinson, T.N., Killen, J.D., Taylor, C.B., Telch, M.J., Bryson, S., Maron, D.J., Saylor K.E., Maccoby, N., Farquhar, J.W. (1987). Perspectives on adolescent substance use: A defined population study. *Journal of the American Medical Association*, 258, 2072-2076.

Killen J.D., Fortmann S.P., Telch M.J., Newman B. (1988). Are heavy smokers different from light smokers? A comparison after 48 hours without cigarettes. *Journal of the American Medical Association*, 260, 1581-1585.

Killen, J.D., Telch, M.J., Robinson, T.N., Maccoby, N., Taylor, C.B., Farquhar, J.W. (1988). Cardiovascular disease risk reduction in tenth graders: A multiple factor school-based approach. *Journal of the American Medical Association*, 260, 1728-1733.

Killen, J.D., Fortmann, S.P., Newman, B., Varady, A. (1990). Evaluation of a treatment approach combining nicotine gum with self-guided behavioral treatments for smoking relapse prevention. *Journal of Consulting and Clinical Psychology*, 58, 85-92.

Killen, J.D., Fortmann, S.P., Newman, B. (1990). Weight change among participants in a large sample minimal contact smoking relapse prevention trial. *Addictive Behaviors*, 15, 323-332.

Killen, J.D., Fortmann, S.P., Newman, B., Varady, A. (1991). Prospective study of factors influencing the development of craving associated with smoking cessation. *Psychopharmacology*, 105, 2, 191-196.

Killen, J.D., Fortmann, S.P., Kraemer, H.C., Varady, A., Newman, B. (1992). Who will relapse? Symptoms of nicotine dependence predict long-term relapse following smoking cessation, *Journal of Consulting and Clinical Psychology*, 60, 797-801.

Killen, J.D. & Fortmann, S.P. (1994). The role of nicotine dependence in the prediction of relapse in a population based study of smokers. *International Journal of Behavioral Medicine*, 1, 320-334.

Fortmann, S.P. & Killen, J.D. (1995). Nicotine gum and behavioral treatment for smoking relapse prevention: Results from a trial using population-based recruitment. *Journal of Consulting and Clinical Psychology*, 63, 460-468.

Killen, J.D., Hayward, C., Wilson, D.M., Haydel, K.F., Robinson, T.N., Hammer, L., Taylor, C.B., Varady, A. (1996). The role of expectancy and temperament in the prediction of drinking in a community sample of

- adolescents. *Addictive Behaviors*, 21, 1-8.
- Killen, J.D., Fortmann, S.P., Kraemer, H.C., Varady, A.N., Davis, L., Newman, B. (1996). Interactive effects of depression symptoms, nicotine dependence and weight change on late smoking relapse. *Journal of Consulting and Clinical Psychology*, 64, 1060-1067.
- Killen, J.D., Taylor, C.B., Hayward, C., Haydel, K.F., Wilson, D.M., Hammer, L., Kraemer, H.C., Blair-Greiner, A., Strachowski, D. (1996). Weight concerns influence the development of eating disorder symptoms: A four year prospective study. *Journal of Consulting and Clinical Psychology*, 64, 936-940.
- Killen, J.D., Fortmann, S.P., Davis, L., Varady, A. (1997). Nicotine patch and self-help video for smoking cessation. *Journal of Consulting and Clinical Psychology*, 65, 663-672.
- Killen, J.D. & Fortmann, S.P. (1997). Craving is associated with smoking relapse: Findings from three prospective studies, *Experimental and Clinical Psychopharmacology*, 5, 137-142.
- Killen, J.D., Robinson T.N., Haydel, K.F., Hayward, C., Wilson, D.M., Hammer, L.D., Litt, I.F. & Taylor, C.B. (1997). Prospective study of risk factors for the initiation of cigarette smoking, *Journal of Consulting and Clinical Psychology*, 65, 1011-1016.
- Killen, J.D., Fortmann, S.P., Davis, L., Strausberg, L., Varady, A. (1999). Do heavy smokers benefit from higher dose nicotine patch therapy? *Experimental and Clinical Psychopharmacology*, 7, 226-33.
- Killen, J.D., Fortmann, S.P., Schatzberg, A.F., Hayward, C., Sussman, L., Rothman, M., Strausberg, L. & Varady, A. (2000). Nicotine replacement therapy and paroxetine for smoking cessation. *Journal of Consulting and Clinical Psychology*, 68, 883-889.
- Killen, J.D., Ammerman, S., Rojas, N., Haydel, K.F. & Robinson, T.N. (2001). Do adolescent smokers experience withdrawal when deprived of nicotine? *Experimental & Clinical Psychopharmacology*, 9, 176-182.
- Killen, J.D., Fortmann, S.P., Kraemer, H.C. & Varady, A. (2002). Do men outperform women in smoking cessation studies? Maybe – But Not By Much. *Experimental and Clinical Psychopharmacology*, 10, 295-301.
- Killen, J.D., Fortmann, S.P., Schatzberg, A.F., Hayward, C. & Varady, A. (2003). Does smoking cessation trigger major depression? *Addictive Behaviors*, 28, 461-470.
- Killen, J.D., Robinson, T.N., Ammerman, S., Hayward, C., Rogers, J., Stone, C., Samuels, D., Levin, S.K., Green, S. & Schatzberg, A.F. (2004). Randomized controlled trial of the efficacy of nicotine patch and bupropion in the treatment of adolescent smokers. *Journal of Consulting and Clinical Psychology*, 72, 729-735.
- Killen, J.D., Robinson, T.N., Ammerman, S., Hayward, C., Rogers, J., Samuels, D. & Schatzberg, A.F. (2004). Major depression among adolescent smokers undergoing treatment for nicotine dependence. *Addictive Behaviors*, 29, 1517-1526.
- Killen, J.D., Fortmann, S.P., Murphy, G., Hayward, C., Arredondo, C.J., Crompton, D., Celio, M., Abe, L., Wang, Y., Schatzberg, A.F. (2006). Extended treatment with bupropion SR for cigarette smoking cessation. *Journal of Consulting and Clinical Psychology*, 74, 286-294.
- Killen, J.D., Fortmann, S.P., Schatzberg, A.F., C., Arredondo, C.J., Murphy, G., Hayward, C., Crompton, D., Celio, M., Fong, D. & Pandurangi M. (2008). Extended Cognitive Behavior Therapy for Cigarette Smoking Cessation. *Addiction*, 103, 1381-1390.
- Bailey, S.R., Harrison, C.T., Jeffery, C.J., Ammerman, S., Bryson, S.W., Killen, D.T., Robinson, T.N., Schatzberg, A.F. & Killen, J.D. (2009). Withdrawal symptoms over time among adolescents in a smoking cessation intervention: Do symptoms vary by level of nicotine dependence? *Addictive Behaviors*, 34, 1017-1022.
- Bailey, S.R., Fong, D., Bryson, S.W., Fortmann, S.P. & Killen, J.D. (2010). Perceived drug assignment and treatment outcome in smokers given nicotine patch therapy. *Journal of Substance Abuse Treatment*, 39, 150-156.
- Killen, J.D., Fortmann, S.P., Murphy, G.M., Hayward, C., Fong, D., Lowenthal, K., Bryson, S.W., Killen, D.T. & Schatzberg, A.F. (2010). Failure to improve cigarette smoking abstinence with transdermal selegiline + cognitive behavior therapy, *Addiction*, 105, 1660-1668.
- Sarginson, J.E., Killen, J.D., Lazzeroni, L.C., Fortmann, S.P., Ryan, H.S., Schatzberg, A.F. & Murphy, G.M. Jr. Markers in the 15q24 nicotinic receptor subunit gene cluster (CHR5A5-A3-B4) predict severity of nicotine addiction and smoking cessation treatment response. *American Journal of Medical Genetics*, in press.

C. Research Support**Ongoing Research Support**

1RO1 DA017457 09/30/03 – 07/31/09
 NIH (NIDA)
 Selegiline Patch for Treatment of Nicotine Dependence
 To conduct the *first* randomized controlled trial of the efficacy of selegiline patch for the treatment of nicotine dependence.

Role: PI

5 RO1 DA017441 Killen (PI) 09/30/03 – 06/30/07
 NIH, NCI
 Behavioral Maintenance Treatment for Smoking Cessation
 To examine the effectiveness of a multi-factor maintenance treatment strategy in promoting longer-term smoking abstinence.

Role: PI

1 RO1HL070218 Killen (PI) 09/01/03 – 07/31/07
 NIH, NHLBI
 Family-Based Nutrition Intervention for Latino Children
 To evaluate a family-based intervention designed to prevent obesity by increasing fruit and vegetable intake and decreasing fat intake in a sample of low income second and third grade Mexican-American children.

Role: PI

5 UO1 HL062663-07 Robinson (PI) 12/01/02 – 11/30/07
 NIH (NHLBI)
 Innovative Obesity Prevention for African-American Girls-Phase II
 Formative research, development, and evaluation of a family-based intervention to reduce girls' media use and an after school intervention of traditional African and popular dance to reduce weight gain in African-American preadolescent girls.

Role: Co-PI

1RO1 DK073377-01A1 Killen (PI) 09/11/06 – 08/31/10
 NIH (NIDDK)
 Home-Based Nutrition Intervention and Play Group Exercise for Low Income Latinas

To conduct a randomized clinical trial among Mexican-American families combining two nutrition and exercise programs designed to prevent obesity.

Role: PI

Completed Research Support

5 RO1 CA90300 Killen (PI) 05/01/01 – 04/30/06
 NIH, NCI
 Maintenance Treatment for Smoking Cessation
 Primary aim is to examine the effects of longer term pharmacology in promoting maintenance of smoking cessation among adult smokers.

Role: PI

5 RO1 DK62360 Robinson (PI) 08/15/02 – 07/31/06
 NIH, NIDDK
 Type 2 Diabetes Primary Prevention for At Risk Girls
 Randomized controlled efficacy trial of a 2-year after school dance program for obesity and diabetes prevention among a multi-ethnic sample of 7-10 year old girls (N=240).

Role: Co-PI

6RT-0041 Killen (PI)

07/01/97 - 06/30/00

University of CA, Berkeley

NRT and Paroxetine for Smoking Cessation

To compare the effectiveness of a treatment program which combines nicotine patch and antidepressant medication (paroxetine) in helping smokers to stop smoking and to stay quit.

Role: PI

RO1 CA77014 Killen (PI)

09/30/97 - 09/29/00

NIH, NCI

Nicotine Withdrawal Syndrome in Adolescent Smokers

A prospective study to characterize the nature and severity of abstinence effects which occur during nicotine deprivation in a sample of adolescent smokers.

Role: PI

R01 HL54102 Robinson (PI)

04/01/96 - 03/31/01

NIH, NHLBI

School- and Family-Based Obesity Prevention for Children

Development of a three-year, multiple-component, social cognitive theory intervention (classroom, school lunch, physical education, family education and treatment for high-risk children) for primary and secondary prevention of obesity among children, and evaluation in a 13-school randomized, controlled trial, with an additional one-year follow-up (N~1000).

Role: Co-Investigator

5RO1 HL62224 Robinson (PI)

04/01/99 - 03/31/03

Reducing Television Viewing to Prevent Childhood Obesity

NIH, NHLBI

To test the efficacy of reducing television, videotape and video game use to prevent obesity among third grade children, in a randomized controlled school-based trial.

Role: Co-Principal Investigator

5 RO1 CA80268-04 Killen (PI)

08/20/99 – 05/31/03

NIH

NRT and Zyban for Smoking Cessation Among High-Risk Teens

To examine the efficacy of a treatment approach combining bupropion, NRT and group-based skills (GST) in promoting smoking cessation and preventing relapse among adolescent smokers.

Role: PI

1R21 CA89289-02 Killen (PI)

02/01/01-01/31/04

NIH, NCI

Effects of a Parent Video on Hispanic Children's Weight

To test the efficacy of an intervention designed to prevent obesity and increase fruit and vegetable consumption in low-income, Mexican American children by improving mothers' food-related parenting practices.

Role: PI

12RT-0141 Killen (PI)

07/01/03 – 06/30/05

Univ. of Ca, Berkeley

Controlled Study of Withdrawal Symptoms in Teen Smokers

A randomized, placebo-controlled study of withdrawal symptoms associated with smoking abstinence in adolescent smokers.

Role: PI