



AGENDA – Society for Research on Nicotine and Tobacco 15th Annual Meeting

Tuesday, April 28, 2009

8:30 a.m. – 9:30 a.m.

1 CE credit

KEYNOTE ADDRESS:

BEHAVIORAL SUPPORT FOR SMOKERS: WHAT IS THE TARGET AND WHAT TOOLS HAVE WE GOT FOR REACHING IT?

Peter Hajeck, MA, PhD, CClinPsych, Wolfson Institute of Preventive Medicine, Barts and The London School of Medicine and Dentistry

- Discuss the concerns for understanding the quitting process and relapse, with particular focus on tobacco withdrawal symptoms.

10:00 a.m. – 11:15 a.m. **PAPER SESSIONS 1-6 (CHOOSE ONE)**

1.25 CE credits

PAPER SESSION 1:

AN INTERNATIONAL PERSPECTIVE ON SMOKE-FREE POLICIES

Anti-Contraband Policies: Evidence for Better Practice

Robert Schwartz, PhD, Ontario Tobacco Research Unit, University of Toronto

- Discuss the challenges of anti-contraband policies and the contexts under which policies are more likely to succeed.

Effect Of The Irish Smokefree Legislation On Smoking Behavior Among Bar Workers

Bernie Mullally, MA, National University of Ireland, Cork

- Discuss the impact of smokefree legislation on smoking behavior.

What Do Smokers Smoke When “Light” And “Mild” Descriptors Are Removed From Cigarette Packages?

Joanna Cohen, PhD, Ontario Tobacco Research Unit

- Discuss the types of cigarette brands smoked by smokers when "light" and "mild" descriptors are removed from cigarette packages

Support For Smoke Free Policies Among Smokers And Non-Smokers In Six Cities In China: Findings From ITC China

Qiang Li, University of Waterloo

- Examine the current situation of smoke free policies and factors associated with support for comprehensive smokefree policies in six cities in China.

Support And Correlates Of Support For Bans On Smoking In Cars With Children In Canada, The United States, The United Kingdom, And Australia: Findings From The 2007 Wave Of The ITC Four Country Survey

Sara Hitchman, University of Waterloo

- Discuss initiatives that have used the relation between parent and child smoking to encourage parents to quit and demonstrate the importance of considering gender when designing and evaluating public health interventions.

PAPER SESSION 2: ENHANCING CLINICAL TREATMENT OF TOBACCO DEPENDENCE

Extended Treatment Of Older Smokers

Sharon Hall, PhD, University of California, San Francisco, Psychiatry

- Discuss the results of a study that produced high abstinence rates at 1 and 2 years in one group of chronic smokers, older smokers.

Provision Of Comprehensive Smoking Cessation Care To Surgical Patients: The Case For Routine Clinical Delivery

John Wiggers, PhD, University of Newcastle, Australia

- Examine systems approaches to enhance provision of cessation care to surgical patients.

42 Mg/Day Pre-Cessation Nicotine Patch Treatment For Highly Dependent Smokers

Jed Rose, PhD, Duke University

- Analyze the potential use of different doses of pre-cessation nicotine replacement therapy.

Efficacy Of Three Single And Two Combination Pharmacotherapies Among Daily Smokers: A Randomized Placebo-Controlled Clinical Trial

Megan Piper, PhD, University of Wisconsin

- Discuss which pharmacotherapies are efficacious for smoking cessation.

Effectiveness Of Mood Management Therapy As An Adjunct To A Telephone Counseling Smoking Cessation Intervention For Smokers With Past Major Depression: A Randomised Controlled Trial

Regina van der Meer, MPH, STIVORO for a smoke-free future

- Discuss the effectiveness of mood management therapy as an adjunct to a telephone counseling smoking cessation intervention for smokers with past major depression.

PAPER SESSION 3: RECENT INSIGHTS FROM RODENT STUDIES

Discovery Of Novel Subtype-Selective Nicotinic Receptor Antagonists As Potential Therapeutic Agents For Smoking Cessation

Linda Dwoskin, PhD, Department of Pharmaceutical Sciences, University of Kentucky Pharmacy, Lexington

- Describe the potential utility of subtype-selective nicotinic receptor antagonists as smoking cessation agents.

Behavioral Studies With The Active Metabolite Hydroxybupropion On The Positive Reinforcing And Aversive Stimulus Properties Of Nicotine In Rats

Mohammad Shoaib, Psychobiology Research Laboratories, Institute of Neuroscience, Newcastle University, Newcastle; Research Triangle Institute, NC

- Analyze issues relating to metabolism of drugs across different species.

Adolescent Vs. Adult Differential Neurochemical Response To Acute Nicotine Challenge In Rats

Edward Levine, PhD, Dept. of Psychiatry and Behavioral Sciences, Duke University Medical Center, Durham, NC

- Examine information concerning adolescent-adult differences in the neurochemical response to nicotine.

Deletion Of The Beta4 Nicotinic Receptor Subunit Enhances Tolerance Development Following Chronic Nicotine Treatment

Michael Marks, Institute for Behavioral Genetics University of Colorado, Boulder

- Discuss the value of nicotinic null mutant mice in the study of the role of receptor subtypes in mediating development of tolerance to chronic nicotine treatment.

Overshadowing And Blocking Of Appetitive Conditioning By The Interoceptive Stimulus Effects Of Nicotine

Jennifer Murray, MA, Department of Psychology University of Nebraska, Lincoln, NE

- Analyze the impact of nicotine as part of a multimodal conditional stimulus.

PAPER SESSION 4: ACTING ON IMPULSE: IMPULSIVITY AND SMOKING

Fmri Studies Of Impulsivity And Treatment Outcome In Addiction

Marc Potenza, MD, PhD, Departments of Psychiatry and Child Study Center, Yale University School of Medicine

- Discuss preliminary results that show that our fMRI paradigms activate similar regional networks in the adolescents as in adults and that impulsivity measures correlate with activations in cortico-striatal circuitry.

Does Delay Discounting Play An Etiological Role In Smoking Or Is It A Consequence Of Smoking?

Janet Audrain-McGovern, PhD, Department of Psychiatry, University of Pennsylvania

- Discuss how delay discounting may provide a variable by which to screen for smoking vulnerability and that adolescents at higher risk of smoking due to higher delay discounting may be a subgroup to target for more intensive smoking prevention efforts that include novel behavioral components directed toward aspects of impulsivity.

Behavioral And Pharmacological Analysis Of Methylphenidate-Induced Increases In Cigarette Smoking: Findings From The Human Laboratory

Andrea Rae Vansickle, MA, University of Kentucky, Dept. of Psychology/Behavioral Science

- Discuss the effects of a commonly prescribed stimulant medication, methylphenidate, on cigarette smoking in humans with and without ADHD.

Acute Nicotine Effects On Impulsivity In Adult Adhd And Control Subjects

Alexandra Potter, Clinical Neuroscience Research Unit, Department of Psychiatry, University of Vermont College of Medicine

- Analyze the effects of nicotine on impulsivity in nonsmoking adults with ADHD and controls.

Baseline Characteristics And Acute Abstinence Effects Differentiate Adult Smokers With And Without Attention Deficit Hyperactivity Disorder (ADHD)

Scott Kollins, PhD, Duke University Medical Center

- Examine potentially important differences between smokers with and without ADHD that may explain higher rates of smoking in individuals with ADHD

PAPER SESSION 5: TEENS AND TOBACCO: WHAT THEY DO AND WHAT TO DO

Multi-Level Predictors Of Successful Quitting Behavior Among Adolescents In Community-Based Smoking Cessation Programs

Sherry Emery, PhD, University of Illinois at Chicago, Institute for Health Policy and Research

- Describe participant, site, and community level predictors of successful quitting behavior among youth enrolled in community-based smoking cessation programs.

Gender Differences And Changes In The Prevalences Of Substance Use Among Canadian Youth: Examining Data From The 2002, 2004 And 2006 Canadian Youth Smoking Survey (Yss)

Scott Leatherdale, PhD, Cancer Care Ontario

- Examine co-morbid substance use patterns among youth populations and the age at which youth start using tobacco, alcohol and marijuana.

Expectancies And Adolescents' Acute Negative Affect Change Following Smoking: Is There A Feedback Loop?

Peter Colvin, The University of Illinois at Chicago

- Increase participants understanding of the progression of adolescent smoking by examining the relationship between expectations and adolescents acute negative affect change following smoking.

Strategies Used Spontaneously By Teens To Quit Smoking

Leslie Robinson, PhD, The University of Memphis

- Appropriately identify the strategies typically used by teens attempting to quit smoking.

Tobacco Smoke Pollution On Outdoor Patios - An Experimental Evaluation Of The Smoke-Free Ontario Act

Ryan David Kennedy, M.A.E.S., Ph.D., Student, Psychology, University of Waterloo

- Explain methods for experimental design of outdoor tobacco smoke pollution.

PAPER SESSION 6: ETHNICITY AND SMOKING

Gender, Race And Education Differences In Abstinence Rates Among Participants In A Randomized Placebo-Controlled Smoking Cessation Trial

Megan Piper, Ph.D., University of Wisconsin

- Examine the role gender, race and education play in the ability to quit smoking.

A FAMILY APPROACH FOR TOBACCO CONTROL IN AFRICAN AMERICANS

Martha Tingen, PhD, Medical College

- Identify family approach strategies for tobacco control in African Americans.

The Influence Of Risk Perception On Smoking Cessation Among Latino Light And Heavy Smokers

Rachelle Hayes, PhD, Centers for Behavioral and Preventive Medicine, The Miriam Hospital, and Warren Alpert Brown University Medical School

- Discuss the role of risk perception (perceived vulnerability and precaution effectiveness) impact of smoking cessation among light and heavy Latino smokers.

Differing Measures Of Nicotine Dependence Do Not Overlap In African Canadian Smokers

Rachel Tyndale, PhD, Centre for Addiction and Mental Health and Department of Pharmacology, University of Toronto

- Discuss the role of risk perception (perceived vulnerability and precaution effectiveness) impact of smoking cessation among light and heavy Latino smokers.

Smoking Behavior And Biomarkers Of Exposure In African American And White Smokers

Neil Benowitz, M.D., University of California at San Francisco

- Discuss the evidence of racial differences in intensity of smoking and related nicotine and carcinogen exposure in relation to cigarette consumption.

1:00 p.m. – 2:30 p.m.

1.5 CE credits

SYMPOSIA SESSIONS 1-4 (CHOOSE ONE)

SYMPOSIUM 1: BIOBEHAVIORAL MECHANISMS OF SEX DIFFERENCES IN NICOTINE ADDICTION: A TRANSLATIONAL PERSPECTIVE

Speakers:

Cora Lee Wetherington, Ph.D., National Institute on Drug Abuse

Caryn Lerman, Ph.D., University of Pennsylvania

Kenneth Perkins, Ph.D., University of Pittsburgh

Sakire Pogun, Ph.D., Ege University Center for Brain Research

Kelly Cosgrove, Ph.D., Yale University School of Medicine & VACHS

- This symposium will present an array of biobehavioral perspectives on mechanisms of sex differences in nicotine addiction with a view toward translation to sex-based prevention and treatment efforts.

- Discuss preclinical rodent studies describing sex differences in central and behavioral effects of nicotine.
- Discuss sex differences in phenotype and genotype variables that moderate nicotine sensitivity in non-smokers, sex differences in the relation between the DRD4 gene and smoking reinforcement in smokers, and sex differences in modulation of nicotine patch effectiveness by use of monetary reinforcement of smoking abstinence.
- Discuss male and female data from her study of beta*2-nAChR availability using SPECT and the nicotinic agonist radiotracer [123I]5-IA-85380 ([123I]5-IA) in never smokers and smokers at various time points over prolonged abstinence, including data on the association between rate of receptor normalization and depression scores.
- Discuss human behavioral pharmacology data showing sex differences in the relation between a functional genetic variant in the mu opioid gene (OPRM1 Asp40) and the reinforcing value of nicotine, as well as other data supporting sex by genotype interactions in smoking cessation and treatment response.

SYMPOSIUM 2: SMOKELESS TOBACCO FOR SMOKERS: SCIENCE AND FUTURE DIRECTIONS

Speakers:

Lois Biener, Ph.D., University of Massachusetts

Vaughan Rees, Ph.D., School of Public Health, Harvard University

Richard O'Donnor, Ph.D., Roswell Park Cancer Institute

Dorothy Hatsukami, Ph.D., University of Minnesota

- Discuss the marketing efforts of SNUS products for smokers and the intent of this effort.
- Identify the reactions to SNUS product for smokers in a test market and predictors of uptake.
- Describe the interest in oral tobacco PR.

SYMPOSIUM 3: TOBACCO USE, CESSATION, AND RELAPSE IN CANCER PATIENTS

Speakers:

Vani Nath Simmons, Ph.D., Moffitt Cancer Center

Jamie Ostroff, Ph.D., Memorial Sloan-Kettering Cancer Center

Michelle Cororve Fingeret, Ph.D., University of Texas M.D. Anderson Cancer Center

Sonia Duffy, Ph.D., R.N., University of Michigan

- Analyze the relationship between smoking and medical outcomes for cancer patients.
- Discuss the cessation interventions for cancer patients.
- Identify patient and provider perspectives on smoking relapse and predictors of relapse AM.

SYMPOSIUM 4: THE NEXT GENERATION OF INVESTIGATORS: NOVEL APPROACHES TO AN OLD PROBLEM

Speakers:

Robert Sorge, McGill University

Sean Barrett, Dept. of Psychiatry/Psychology, Dalhousie University, Halifax, Canada

Anne-Noël Samaha, Dept. of Pharmacology, University of Montreal, Quebec, Canada

Paul Kenny, Laboratory of Behavioral and Molecular Neuroscience, Dept. of Molecular Therapeutics, The Scripps Research Institute

Matthew Palmatier, Dept. of Psychology, Kansas State University

Darlene Brunzell, Virginia Commonwealth University, Richmond, Virginia

- Examine a framework for the new directions in nicotine research.
- Identify new PIs in the field.
- Discuss the contribution of nicotine to cigarette addiction and its role in motivation.

3:00 p.m. – 4:00 p.m.
1.0 CE Credit

POLICY THEME LECTURE:
IF YOU'RE ALREADY THERE, HOW CAN YOU GO ANY FARTHER: FUTURE DIRECTIONS IN TOBACCO CONTROL POLICY

Kenneth Warner, Ph.D., University of Michigan School of Public Health

- Identify the major tobacco control policy interventions documented to work to reduce smoking, as well as those found not to be effective.

4:00 p.m. – 5:15 p.m.
1.25 CE Credits

NEW INVESTIGATOR AWARD LECTURE AND PAPER SESSION
Cotinine Levels And Menthol Cigarette Use Among Black And White Smokers In Nhanes 2003-2006

Benjamin Apelberg, Ph.D., Institute for Global Tobacco Control, Dept. of Epidemiology, Johns Hopkins Bloomberg School of Public Health

- Examine the relationship between menthol use and cotinine concentrations among black and white smokers.

Dopamine And Serotonin Transporter Availability During Acute Alcohol Withdrawal: Effects Of Comorbid Tobacco Smoking

Kelly Cosgrove, Ph.D., Yale University School of Medicine

- Discuss the role of tobacco smoking in regulating the actions of alcohol drinking at the dopamine and serotonin transporters.

Internet-Based Abstinence Reinforcement In Rural Kentucky Smokers

William Stoops, University of Kentucky

- Examine the effect of resisting tempting sweets on subsequent smoking behavior

Why Do Smokers Relapse?

Joseph McClernon, Ph.D., Duke University Medical Center

- Identify the effects of smoking abstinence on withdrawal symptoms and brain function.

Wednesday, April 29, 2009

8:30 a.m.- 9:45 a.m.

PAPER SESSION 7-12 (CHOOSE ONE)

1.25 CE Credits

PAPER SESSION 7: CUES LOOKING AT ME

Gender Differences In Reactivity To Smoking And Stress Cues

Michael Saladin, Ph.D., Medical University of South Carolina Dept. of Psychiatry & Behavioral Sciences, Clinical Neuroscience Division

- Become familiar with a laboratory-based approach to investigating gender differences in smoking cue reactivity.

Neural Responses Associated With Reward Sensitivity In Cigarette Smokers

Laura Martin, Ph.D., University of Kansas Medical Center

- Describe how the prefrontal cortex processes rewards differently in cigarette smokers compared to nonsmokers.

Alcohol-Elicited Cravings To Smoke: Cues And Consumption

Jason Oliver, Ph.D., University of South Florida and the Moffitt Cancer Center

- Increase participants understanding of the role that alcohol can play in maintaining smoking behavior.

The Effects Of Acute Exercise On Attentional Biases To Smoking-Related Stimuli During Temporary Abstinence From Smoking

Kate Janse Van Rensburg, M.Sc., School of Sport and Health Sciences, University of Exeter

- Identify the effect of exercise on attentional bias.

Responses To Smoking Cues Increase With Duration Of Abstinence

Harriet deWit, Ph.D., Human Behavioral Pharmacology Laboratory, University of Chicago

- Recognize the craving for cigarettes does not necessarily decline simply with the passage of time.

PAPER SESSION 8: AN INTERNATIONAL PERSPECTIVE ON TRAINING HEALTH CARE PROVIDERS TO TREAT TOBACCO DEPENDENCE

Teaching About Tobacco In Medical Schools: A World Wide Study

Robyn Richmond, M.A., MEd, School of Public Health and Community Medicine, University of New South Wales, Australia

- Discuss the importance of teaching about tobacco in medical schools.

A Global Survey Of Programs That Train Tobacco Dependence Treatment Providers

Asaf Bitton, M.D., Division of General Medicine and Primary Care, Brigham and Women's Hospital, Boston, MA

- Examine the global status of programs that train tobacco dependence treatment providers.

University Of Excellence For Tobacco-Dependence Treatment: A Trans-Disciplinary Model Of Faculty Development And Curriculum Change At Loma Linda University

Linda Ferry, M.D., Loma Linda University School of Medicine and School of Public Health, Loma Linda, CA

- Identify the steps to achieve health professional tobacco curricular change.

Associations Of Medical Student Performance In Standardized Patients On Smoking Cessation With Cognitive Examinations

William Wadland, M.D., M.S., Dept. of Family Medicine, Michigan State University

- Describe associations between medical student performance and standardized patients on smoking cessation and cognitive evaluations during a required clerkship in family medicine.

Smoking Care Policies And Procedures In Australian Psychiatric Facilities

Paula Wye, BPsych, School of Psychology, University of Newcastle, Australia

- Examine the current smoking policies and smoking care provided in mental health inpatient services in Australia, including what predicts the provision of comprehensive smoking care.

PAPER SESSION 9: COMMUNITY-BASED INTERVENTIONS: PART I

Community-Based Youth Cessation Programs: Characteristics Of Sustaining Programs

Amy Sporer, M.S., University of Illinois at Chicago

- Discuss the sustainability of community-based health programs, and describe relevant characteristics among a sample of sustaining youth tobacco cessation programs.

Comparing The 5 A's Vs. 3 A's Plus Quitline Counseling In Fee-For-Service Dentistry

Judith Gordon, Ph.D., Oregon Research Institute & University of Mississippi Medical Center

- Analyze whether an Ask, Advise, Refer model works in a dental setting.

Effectiveness Of A Smoking Cessation Service In Primary Care

Robyn Richmond, M.A., MEd, School of Public Health and Community Medicine, University of New South Wales, Australia

- Recognize the important role of the practice nurse in offering smoking cessation advice in a primary care setting.

Community Level Implementation Of The Centers For Disease Control And Prevention Best Practices Recommendations For Effective Tobacco Control

Theodore Cooper, Ph.D., University of Texas at El Paso

- Identify the CDC Best Practices Guidelines and how community wide implementation is associated with tobacco prevalence reductions.

Pharmacy And Group-Based Interventions For Smoking Cessation: What Works For Whom In Which Circumstances?

Linda Bauld, Ph.D., University of Bath, UK Centre for Tobacco Control Studies

- Examine the efficacy of different models of smoking cessation support in community settings.

PAPER SESSION 10: MEDIA AND MARKETING: IT'S ALL ABOUT PRESENTATION

Comparing The Effects Of Entertainment Media And Tobacco Marketing On Youth Smoking In The U.S.

James Sargent, M.D., Dartmouth Medical School

- Discuss the differential effects of entertainment media and tobacco marketing on youth smoking.

Comparing The Effects Of Entertainment Media And Tobacco Marketing On Youth Smoking In Germany

James Sargent, M.D., Dartmouth Medical School

- Discuss the differential effects of movies and tobacco marketing on youth smoking.

Self-Control Buffers The Impact Of Media Smoking Exposure On Smoking Intentions And Behavior

Thomas Wills, Ph.D., Dept. of Epidemiology and Population Health, Albert Einstein College of Medicine

- Summarize research about media effects on adolescent smoking and explain the concept of buffering the impact of media cues on smoking intentions and behavior.

Relevance Of Health Warnings On Cigarette Packages: A Psycholinguistic Investigation

Christelle Gay, University of Fribourg-Switzerland

- Explore evidence that psycholinguistic paradigms can produce relevant information to tobacco prevention.

Cigarette Package Design And Perceptions Of Risk Among Uk Adults And Youth: Evidence In Support Of Plain Packaging

David Hammond, Ph.D., University of Waterloo, Canada

- Recognize the effectiveness of tobacco packages as a marketing tool and the potential impact of plain packaging regulations.

PAPER SESSION 11: TREATMENT APPROACHES IN CO-MORBID POPULATIONS

Smoking Cessation In Recovery: A Preliminary Comparison Of Two Different Cognitive Behavioral Treatments

Yvonne Hunt, Ph.D., MPH, Cancer Prevention Fellowship Program, National Cancer Institute, Bethesda, MD

- Identify contingency management approaches useful for maximizing participation in smoking cessation treatment and improving treatment outcomes among recovering substance users.

Staff And Client Perspectives On Tobacco Treatment During Drug Treatment

Jamie Hunt, M.S., ABD, University of Kansas, Preventive Medicine and Public Health

- Describe how tobacco is currently addressed in drug treatment facilities as well as organizational climate barriers to adopting evidence-based tobacco treatment.

Psychiatric Disorders In Smokers Seeking Treatment: Differences In Dependence And Outcomes

Megan Piper, Ph.D., University of Wisconsin

- Discuss how psychiatric diagnoses are related to tobacco dependence dimensions and cessation outcome.

Effect Of Depression On Smoking Cessation Outcomes

Susan Sonne, PharmD, Medical University of South Carolina

- Recognize the relationship between smoking and depression in substance abusing individuals.

Smoking Cessation Intervention Among People With A Psychotic Disorder: 4 Year Follow Up

Robyn Richmond, MA, MHEd, School of Public Health and Community Medicine, University of New South Wales, Australia

- Examine the complexities of carrying out a Randomized Controlled Trial with a 4 year follow up.

PAPER SESSION 12: NEUROBIOLOGY: FROM GENES TO BRAIN

Interaction Of Smoking History And Grm7 (The Metabotropic Glutamate Receptor 7 Gene) Predicts Risk Of Major Depressive Disorder

Michele Pergadia, Ph.D., Dept. of Psychiatry, Washington University School of Medicine, St. Louis, MO

- Understand the genetic and environmental interplay between smoking and major depressive disorder.

Peer Smoking And The Nicotinic Receptor Genes: An Examination Of Genetic And Environmental Risks For Nicotine Dependence

Eric Johnson, Ph.D., RTI International, Research Triangle Park, NC

- Discuss gene by environment correlation between the CHRN SNPs tested and peer smoking and a gene by environment interaction for SNP rs16969968 and peer smoking association with ND.

A Genotype-Based V1.0 Score Can Prospectively Predict Smoking Cessation Success

Jed Rose, Ph.D., Duke University, Durham, NC

- Examine the role of genetic factors in predicting smoking cessation treatment response.

Imaging Brain Cognitive Effects Of Nicotine Withdrawal And The Impact Of Nicotine Replacement

John Beaver, Ph.D., GlaxoSmithKline Clinical Imaging Centre, Imperial College, London

- Describe the potential beneficial effect of nicotine replacement therapy on cognitive brain function during smoking cessation.

Associations Of Nicotine Metabolism Ratio, Smoking Behaviors And Smoke Exposure In A Treatment-Seeking Population

Andrew Strasser, Ph.D., University of California – San Francisco

- Discuss findings, consistent with previous research, showing that smoking behavior may mediate the relationship between nicotine metabolism rate and smoke exposure.

10:30 a.m. – 11:30 a.m.
1.0 CE Credit

PRE-CLINICAL THEME LECTURE:

VARIABLE DRUG METABOLISM: THE MAKING AND UNMAKING OF SMOKERS

Rachel Tyndale, Ph.D.

- Describe the pharmacogenetic variation in enzymes and drug targets and the resulting impact on smoking.

1:00 p.m. – 2:30 p.m.
1.5 CE Credits

SYMPOSIA 6-8 (CHOOSE ONE)

SYMPOSIUM 6: WHAT ROLE DOES MAO INHIBITION PLAY IN SMOKING AND SMOKING CESSATION?

Speakers:

Paul Clarke, Ph.D., McGill University

Hans Rommelspacher, Charité-University Medicine Berlin, Section of Clinical Neurobiology

Karine Guillem, Ph.D., Dept of Psychiatry, University of Pennsylvania, Philadelphia, PA

Frances Leslie, Department of Pharmacology, University of California, Irvine

Tony George, M.D., FRCPC, University of Toronto and Yale University, Toronto, ON

- Examine the contribution of non-nicotine compounds in cigarette smoke to tobacco dependence.
- Describe recent investigations of the role of monoamine oxidase inhibition in the enhancement of nicotine's reinforcing effects.

SYMPOSIUM 7: CRAVING TO SMOKE: NEW LABORATORY AND FIELD STUDIES

Speakers:

Reuven Dar, Ph.D., Dept. of Psychology, Tel Aviv University, Israel

Neal Doran, Ph.D., University of California, San Diego

Shirley Fecteau, Ph.D., Berenson-Allen Center for Noninvasive Brain Stimulation, Beth Israel

Deaconess Medical Center and Harvard Medical School, Boston, MA

- Identify different methodologies for studying craving.
- Recognize the relationships between craving, smoking and personality.
- Discuss the brain structures which may mediate craving.

SYMPOSIUM 8: TARGETS FOR TREATING NICOTINE ADDICTION: NOT THE USUAL SUSPECTS

Speakers:

Allison Hoffman, Ph.D., National Institute on Drug Abuse

Jim Fadel, Ph.D., University of South Carolina School of Medicine

Athina Markou, Ph.D., University of California, San Diego

Olivier George, Ph.D., The Scripps Research Institute

- Describe how GWAS can be used to identify new pharmacotherapy targets.
- Identify the utility and translational potential of data from animal behavioral models.
- Describe an appreciation for the depth and complexity of potential targets for treating nicotine addiction

3:00 p.m. – 4:00 p.m.
1.0 CE Credit

EPIDEMIOLOGY/PUBLIC HEALTH THEME LECTURE: WHAT WE KNOW AND DON'T (YET) KNOW ABOUT THE IMPACT OF TOBACCO CONTROL POLICIES: AN IN-PROGRESS SUMMARY FROM THE ITC PROJECT

Geoffrey Fong, Ph.D., University of Waterloo

- Discuss the use of cohort surveys in evaluating tobacco control policies and other population-level interventions in tobacco control.

4:15 p.m. – 5:15 p.m.
1.0 CE Credit

CLINICAL THEME LECTURE: HOW LAPSES PROGRESS TOWARDS RELAPSE AND IS THERE ANYTHING WE CAN DO ABOUT IT?

Saul Shiffman, Ph.D., University of Pittsburgh, Pittsburgh, PA

- Identify what interventions may help prevent progression to relapse.

Thursday, April 30, 2009

8:00 a.m.-9:30 a.m.

1.5 CE Credits

SYMPOSIA SESSIONS 9-11, 5 (CHOOSE ONE)

SYMPOSIUM 9: SOCIO-ECONOMIC STATUS AND SMOKING CESSATION

Speakers:

David Wetter, University of Texas M.D. Anderson Cancer Center

Mohammad Siahpush, Dept. of Health Promotion, Social and Behavioral Health, College of Public Health, University of Nebraska Medical Center, Omaha, NE

Lorraine Reitzel, University of Texas M.D. Anderson Cancer Center

- Analyze how socioeconomic status contributes to disparities in smoking prevalence, cessation, and disease burden.
- Discuss the mechanisms linking socioeconomic status with smoking relapse.
- Describe the policy and intervention implications of the relations among socioeconomic status, mechanisms, and smoking-related outcomes.

SYMPOSIUM 10: TREATMENT OF SMOKING AS A CHRONIC ILLNESS IN PRIMARY CARE

Speakers:

Edward Ellerbeck, M.D., MPH, University of Kansas School of Medicine

Larry An, University of Minnesota

A. Paula Cupertino, Ph.D., University of Kansas School of Medicine

- Describe how lessons from care management of chronic diseases such as diabetes, asthma, and heart failure can be applied to the treatment of smokers seen in primary care settings.
- Describe the potential reach and impact of intervening proactively on a registry of smokers identified in primary care clinics.
- Identify the policy implications from studies that have recycled smokers through therapy for up to 4 courses of treatment.

SYMPOSIUM 11: NICOTINE AND INFORMATION PROCESSING

Speakers:

Allison Hoffman, Ph.D., Columbia University

Evelyn Lambe, Ph.D., Depts. Of Physiology and OBGYN, University of Toronto, Canada

Raad Nashmi, University of Victoria

Thomas Gould, Ph.D., Temple University

Amir Levine, M.D.

- Discuss the genetic mechanisms underlying nicotine's effects on neurons.
- Describe nicotine's effect on corticothalamic neuronal development.
- Discuss the translation potential of how long-term nicotine use may affect neuronal development and communication

SYMPOSIUM 5: SMOKERS WITH SERIOUS MENTAL ILLNESS: A FOCUS ON MECHANISMS AND MODELS

Speakers:

Jennifer Tidey, Ph.D., Brown University-Alpert Medical School

Jill Williams, M.D., UMDNJ-Robert Wood Johnson Medical School

Andrea Weinberger, Ph.D., Yale University School of Medicine

A. Eden Evins, M.D., Massachusetts General Hospital, Boston, MA, Harvard Medical School

- Identify smokers at high risk for relapse during cessation attempts.
- Identify biological and environmental mechanisms that contribute to smoking in people with serious mental illness.
- Discuss treatments that may be efficacious for smokers with serious mental illness.

PAPER SESSIONS 13-16 (CHOOSE ONE)

PAPER SESSION 13: COMMUNITY-BASED INTERVENTIONS: PART II

Residential Tobacco Dependence Treatment Compared To Outpatient Treatment

J. Taylor Hays, Mayo Clinic College of Medicine, Rochester, MN

- Understand the effectiveness of intensive residential tobacco dependence treatment compared to standard ambulatory treatment.

Using The Electronic Medical Record To Improve Tobacco Treatment In Primary Care: A Cluster Randomized Controlled Trial

Nancy Rigotti, M.D., Division of General Medicine and Primary Care, Brigham and Women's Hospital; Tobacco Research and Treatment Center and General Medicine Division, Massachusetts General Hospital; and Harvard Medical School, Boston, MA

- Demonstrate how the electronic health record can be used to improve tobacco treatment in the primary care setting.

Mass Mailout Of Primary Care Physicians Advice Letters And Nrt Vouchers To Smokers

Chris Bullen, M.D., The University of Auckland, Auckland, New Zealand

- Discuss the potential for mass mail-outs of doctor advice and NRT vouchers to prompt quit attempts in smokers.

Telephone Care Coordination For Smoking Cessation: A Randomized Trial

Scott Sherman, M.D., MPH, Veterans Health Administration; New York University; University of California, San Diego

- Examine results of a study comparing different approaches to structuring care for smoking cessation

Health Professional Advice On Quitting In Hospital Patients — Are Women Treated Differently To Men?

Kirsten Doherty, Ph.D., MPH, BSc, St. Vincent's University Hospital

- Discuss evidence of factors related to smoking cessation interventions in hospitalized patients, including possible gender influences.

PAPER SESSION 14: IS THERE A SMOKER ON-LINE?

Evaluation Of First "Quitline" In Iran During 2007-08

Anahita Alvanpour, M.D., Tobacco Prevention and Control Research Center, Masih Daneshvari Hospital, Tehran

- Discuss WHO Collaborating Center in tobacco control.

Randomized Controlled Trial Of An Interactive Internet Smoking Cessation Program With Long Term Follow-Up

Daniel Seideman, Ph.D., Columbia University Behavioral Medicine Program

- Discuss how in-person clinical interventions can be used as a model for an Internet program.

Using Interactive Voice Recognition Technology To Assess Smoking Outcomes And Link Smokers To Counseling After Hospital Discharge

Susan Regan, Ph.D., Tobacco Research and Treatment Center; Massachusetts General Hospital; Harvard Medical School

- Describe how an interactive voice recognition system can be integrated into post-discharge follow up of hospitalized smokers.

Promoting Statewide Helpline And Web-Based Cessation Services: An Analysis Of Service Volumes And Media Efforts

Andrea Mowery, ClearWay Minnesota

- Identify how data from existing media sources can be used to understand the relationships between service volumes for cessation services and timing, medium and messaging of media campaigns.

Youtube As A Source Of Information On Quitting Smoking: A Content Analysis

Cathy Backinger, Ph.D., MPH, National Cancer Institute

- Recognize potential of internet video-sharing as a source of smoking cessation information among young adult smokers and the need to increase number of videos of evidence-based smoking cessation methods and how users search for them.

PAPER SESSION 15: THE RELATIONSHIP BETWEEN STRESS AND SMOKING

Effects Of Carbon Dioxide (Co2) Challenge On Anxiety Response In Cigarette Smokers

Angela Attwood, Ph.D., University of Bristol, UK

- Discuss the use of a carbon dioxide challenge to induce anxiety in healthy volunteers. The data indicate that nicotine may enhance anxiety when faced with an acute stressor and therefore the data support the idea that smokers may overestimate the anxiolytic effects of smoking.

Effects Of Gender And Cigarette Smoking On Reactivity To Psychological And Pharmacological Stress Provocation

K.T. Brady, Medical University of South Carolina

- Discuss results from studies indicating that disruption of stress response systems may play a role in stress-related smoking and relapse, which reinforce the importance for developing sex-specific intervention strategies to combat tobacco use and addiction.

Dysregulated Stress Response And Smoking Relapse In Men And Women

Mustafa al'Absi, University of Minnesota Medical School

- Discuss results from studies examining the influence of gender and nicotine dependence status on reactivity in human laboratory stress paradigms.

Hpa Axis Response To Naltrexone And Cigarette Smoking In Nicotine Dependent Subjects

A.C. King, University of Chicago

- Discuss results showing that naltrexone improves smoking cessation outcomes in women but not men, which provide further evidence for sex differences in the interaction between cigarette smoking and the endogenous opioid system, which may play a role in clinical course and outcome.

Attention Bias Toward Smoking Related And Pleasant Cues In Withdrawal And Under Stress

Danielle McCarthy, Ph.D., Rutgers, The State University of New Jersey

- Discuss the effects of withdrawal, stress, and smoking availability on smokers attention to smoking-related and other motivationally relevant stimuli.

PAPER SESSION 16: RAPID RESPONSE PAPER SESSION

Inhibition Of Anandamide Hydrolysis: A Novel Strategy To Reduce Relapse For Nicotine

Bernard LeFoll, M.D., Ph.D., Translational Addiction Research Laboratory, Centre for Addiction and Mental Health and University of Toronto, Canada

- Discuss the results of a study suggesting that inhibition of anandamide hydrolysis could be a novel strategy to reduce relapse for nicotine. Since URB597 also possess anxiolytic and antidepressant effects, this compound should be devoid of the side effects of rimonabant

What Is The "Real" Price Of Cigarettes?

Anne Hartman, National Cancer Institute

- Discuss issues related to government consideration of raising tobacco excise taxes to reduce smoking and tested the hypotheses that prices reported by tobacco users in surveys are valid measures of price.

Lack Of Reinforcement Enhancing Effects Of Nicotine In Humans

Kenneth Perkins, Ph.D., Dept. of Psychiatry, University of Pittsburgh, Pittsburgh, PA

- Discuss results from two studies examining the influence of nicotine, via nasal spray (study 1) and cigarettes (study 2), on the positive reinforcing effects of money and music, as well as the negative reinforcing effects of aversive auditory stimuli.

Evaluation Of Safety Of Varenicline In Schizophrenia

A. Eden Evins, M.D., MPH, Massachusetts General Hospital and Harvard Medical School

- Discuss the results of a systematic, open-label study, showing that varenicline was not associated with worsened clinical symptoms of schizophrenia and showing a trend toward improving cognitive dysfunction associated with the disorder.

The Effects Of Pure Nicotine, Denicotinized Tobacco And Nicotine-Containing Tobacco On Cigarette Craving, Withdrawal, And Self-Administration

Sean Barrett, Ph.D., Depts. Of Psychiatry & Psychology, Dalhousie University, Halifax, Canada

- Discuss a study aimed at clarifying the relative roles of nicotine and non-nicotine tobacco constituents in smoking reinforcement, by directly comparing the effects of the acute administration of pure nicotine (via nicotine and placebo inhalers), nicotine-containing tobacco, and denicotinized tobacco, on smokers' subjective responses and motivation to self-administer their own preferred brand of tobacco.