BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME	POSITION TITLE
Maren T. Scheuner, MD, MPH	Research Health Scientist
eRA COMMONS USER NAME SCHEUNER2	

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, Riverside	BS	1979-1982	Biology
University of California, Los Angeles	MPH	1982-1984	Genetic Associate
McGill University		1984-1986	Medicine
University of California, Los Angeles	MD	1986-1988	Medicine
UCLA/San Fernando Valley Internal Medicine Training Program		1988-1989	Internal Medicine Internship
UCLA/San Fernando Valley Internal Medicine Training Program		1989-1991	Internal Medicine Residency
UCLA Intercampus Medical Genetics Training Program – Cedars-Sinai Medical Center		1991-1994	Clinical Genetics Fellowship

A. Positions and Honors.

Positions and Employment

1991-1995 Clinical Instructor, UCLA School of Medicine
1995-2003 Director, GenRISK Program, Cedars-Sinai Medical Center
1995-2002 Assistant Professor of Medicine, UCLA School of Medicine
2002-2003 Associate Professor of Medicine, David Geffen School of Medicine, UCLA
2002-2005 ATPM Career Development Awardee, Office of Genomics and Disease Prevention, CDC
2003-2006 Visiting Associate Professor, Department of Health Services, UCLA School of Public Health
2004-2005 Scientific Director, Family Healthware™ (CDC family history tool)
2004- Senior Researcher, UCLA Center for Health Policy Research
2005- Natural Scientist, RAND Corporation
2006- Adjunct Associate Professor, UCLA School of Public Health, Department of Health Services
2007-2008 Attending Physician, GenRISK Adult Genetics Program, Cedars-Sinai Medical Center
2008- Health Research Scientist, Greater Los Angeles VA, Center for the Study of Healthcare Provider Behavior

Other Experience and Professional Memberships

Memberships

American College of Physicians, since 1991
American Society of Human Genetics, since 1991
American Heart Association, Council on Epidemiology and Prevention since 1993
American College of Medical Genetics, Fellow since 1994
National Society of Genetic Counselors since 1994
American Society of Clinical Oncology since 1997
Association for Prevention Teaching and Research since 2002
American Heart Association, Council on Atherosclerosis, Thrombosis and Vascular Biology since 2003
National Coalition for Health Professionals Education in Genetics (American Board of Medical Genetics representative, 2006-2011)

Board of Directors

American Board of Medical Genetics, 2006-2011

National Coalition of Health Professional Education in Genetics, 2008-2013

Advisory Boards and Review Committees

ABMG and ABIM Committee on Joint Certification in Medical Genetics/Cancer Genetics, Consultant, 2001
AMA CME Advisory Board for Risk Assessment of Hereditary Breast and Ovarian Cancer (ACMG representative), 2001-2002, 2006
Blue Cross Blue Shield Association Technology Evaluation Center Medical Advisory Panel (ACMG representative) since 2003
National Medicare Evidence Development and Coverage Advisory Committee, Voting Member since 2007
CDC Special Emphasis Panel in Genomics, Panel member, 2008

Initiatives and Planning Committees

Pacific Southwest Regional Genetics Network Quality and Access Improvement Committee, 1997-2001
New York State Department of Health Bureau of Chronic Disease Genetics Strategic Planning Group, 2000
Centers for Disease Control and Prevention, Family History Public Health Initiative, Co-Chair, 2002-2005
U.S. Surgeon General's Family History Initiative since 2004
National Human Genome Research Institute Multiplex Testing Collaborative Group, 2005-2006
American Health Information Community Personalized Healthcare Workgroup, Family History Subcommittee, 2007-08
NIH State of the Science Conference on Family History in Primary Care, Planning Committee, 2008

Scientific & Professional Societies Committees

American College of Medical Genetics, Adult Disease Special Interest Group, since 1999 (Chair, 2003-2006)
American College of Medical Genetics, Economics Committee since 1999
American College of Medical Genetics, Public Health Special Interest Group, since 2003
National Coalition for Health Professional Education in Genetics, Family History Committee since 2000
National Coalition for Health Professional Education in Genetics, Writing Committee, 2003-2004
Breast Expert Workgroup of the Cancer Detection Section, California Department of Health Services, 2003-2004
American Heart Association Council on Epidemiology and Prevention, Membership Committee since 2006
American Public Health Association, Genomics Forum since 2007

Editorial Responsibilities

CDC Representative, AAFP Annual Clinical Focus 2005 Genomics Cooperating Partner, 2004-2005
ACMG Reviewer, AHRQ, USPSTF Recommendation Statement: Genetic Risk Assessment and BRCA Mutation Testing for Breast and Ovarian Cancer Susceptibility, 2005
Reviewer, AHRQ Evidence Report/Technology Assessment on the Collection and Use of Cancer Family History in Primary Care (American College of Medical Genetics representative), 2006
Genomic Medicine, Editorial Board since 2007
Evidence-based Internal Medicine Solutions, Editorial Board since 2008

Consulting

Zynx Health Inc., Genetics/Genomics Strategic Planning, 2007
Blue Cross Blue Shield Association, Genetics Policy Review, since 2007
Medicomp Inc., Genetics Content for the Medcin Electronic Knowledge Engine, since 2007

Honors

1988 American Medical Association Education Research Fund, Clinical Nutrition Scholarship, Mayo Clinic.
1991-1993 National Institutes of Health Training Grant in Medical Genetics, Cedars-Sinai/UCLA Medical Center.
1996 Young Investigator Award for Clinical Research sponsored by the Western Section of the American Federation of Clinical Research.
2000-2001 Genetics in Primary Care Faculty Education Initiative Award, HRSA Contract #240-98-0020.
2002-2005 Career Development in Public Health Research and Practice Program, Genetics and Disease Prevention. ATPM/CDC Cooperative Agreement U50/CCU300860
2008 Silver Medal Merit Bonus Award, RAND Corporation

B. Publications

Peer-reviewed (in chronological order)

1. Scheuner, MT, Raffel LJ, Wang S-J, Rotter JI. The family history: A comprehensive genetic risk assessment method for the chronic conditions of adulthood. Am J Med Genet 1997;71:315-324.
2. Wang M, Mathews KR, Imaizume K, Beiraghi S, Blumberg B, Scheuner M, Graham JM, Godfrey M. P1148A in fibrillin-1 is not a mutation anymore. Nature Genetics 1997;15:12.

3. Henderson LB, Adams J, Goldstein DR, Braunstein G, Rotter JI, Scheuner MT. A familial risk profile for osteoporosis. Genetics in Medicine 2000;2;222-225.
4. Tiecke F, Katzke S, Booms P, Robinson PN, Neumann L, Godfrey M, Mathews KR, Scheuner M, Hinkel GK, Brenner RE, Hovels-Gurich HH, Hagemeier C, Fuchs J, Skovby F, Rosenberg T. Classic, atypically severe and neonatal Marfan syndrome: twelve mutations and genotype-phenotype correlations in FBN1 exons 24-40. Eur J Hum Genet 2001;9:13-21.
5. Gad S, Scheuner M, Pages-Berhouet S, Caux-Moncoutier V, Bensimon A, Aurias A, Pinto M, Stoppa-Lyonnet D. Identification of a large rearrangement of the BRCA1 gene using colour bar code on combed DNA in an American breast-ovarian cancer family previously studied by direct sequencing. J Med Genet 2001;38(6):388-391.
6. Scheuner MT. Genetic predisposition to coronary artery disease. Curr Opin Cardiol 2001;16:251-260.
7. Yoon PW, Scheuner MT, Peterson-Oehlke KL, Gwinn M, Faucett A, Khoury MJ. Can family history be used as a tool for public health and preventive medicine? Genet Med 2002;4:304-310.
8. Yoon PW, Scheuner MT, Khoury MJ. Research priorities for evaluating family history in the prevention of common chronic diseases. Am J Prev Med 2003;24:128-135.
9. Scheuner MT. Genetic evaluation for coronary artery disease. Genet Med 2003;5:269-285.
10. Scheuner MT, Yoon P, Khoury MJ. Contribution of mendelian disorders to common chronic disease: opportunities for recognition, intervention and prevention. Am J Med Genet 2004;125C:50-65.
11. Scheuner MT. Clinical application of genetic risk assessment strategies for coronary artery disease: genotypes, phenotypes and the family history. Primary Care: Clinics in Office Practice 2004;31(3):711-737.
12. Yoon PW, Scheuner MT, Awareness of family health history as a risk factor for disease – United States. MMWR Weekly 2004;53(44):1044-1047.
13. Taylor KD, Scheuner MT, Yang H, Wang Y, Haritunians T, Fischel-Ghodsian N, Gray RJ, Shah PK, Forrester JS, Knatterud G, the Post-CABG Trial Investigators, Rotter JI. The lipoprotein lipase locus and progression of atherosclerosis in coronary artery bypass grafts. Genet Med 2004;6:481-486.
14. Hariri S, Yoon PW, Qureshi N, Valdez R, Scheuner MT, Khoury MJ. Family history of type 2 diabetes: a population-based screening tool for prevention? Genet Med 2006;8:102-108.
15. Goodarzi MO, Taylor KD, Scheuner MT, Antoine HJ, Guo X, Shah PK, Rotter JI. Haplotypes in the lipoprotein lipase gene influence high-density lipoprotein cholesterol response to statin therapy and progression of atherosclerosis in coronary artery bypass grafts. Pharmacogenomics J 2006 Jun 6; [Epub ahead of print].
16. Scheuner MT, Whitworth WC, McGruder H, Yoon PW, Khoury MJ. Expanding the definition of family history for early-onset coronary heart disease. Genet Med 2006;8:491-501.
17. Scheuner MT, Whitworth WC, McGruder H, Yoon PW, Khoury MJ. Familial risk assessment for early-onset coronary heart disease. Genet Med 2006;8:525-531.
18. Goodarzi MO, Taylor KD, Scheuner MT, Antoine HJ, Guo X, Shah PK, Rotter JI. Haplotypes in the lipoprotein lipase gene influence high-density lipoprotein cholesterol response to statin therapy and progression of atherosclerosis in coronary artery bypass grafts. Pharmacogenomics J 2007;7:66-73. Epub 2006 Jun 6.
19. Nasir K, Budoff MJ, Wong ND, Herrington D, Arnett D, Szklo M, Scheuner M, Greenland P, Blumenthal RS. Family history of premature coronary heart disease and coronary artery calcification: multi-ethic study of atherosclerosis (MESA). Circulation 2007;116:619-626.
20. Scheuner MT, Sieverding P, Shekelle P. Delivery of genomic medicine for common chronic adult diseases: a systematic review. JAMA 2008;299:1320-1334.
21. Yoon PW, Scheuner MT, Jorgensen C, Khoury MJ. Family Healthware™: A family history screening tool for the prevention of common chronic diseases. Accepted, Preventing Chronic Disease.
22. Scheuner MT, Setodji CM, Pankow J, Blumenthal RS, Keeler E. Relation of familial patterns of coronary heart disease, stroke and diabetes to subclinical atherosclerosis: The Multi-Ethnic Study of Atherosclerosis. Accepted, Genetics in Medicine 2008;10(12).

C. Research Support

Ongoing Research

RAND/Rockwell Policy Prize (Scheuner) $62,323 (9/29/08-9/27/09) 7% FTE

Delivery Pathways for Genetic Testing Interventions for Common Diseases

The goal of this project is to develop a foundation to launch a translational genomics research agenda. To achieve this goal, we will create an overarching conceptual model for delivery of genetic tests for common, chronic diseases that will

consider different purposes and indications for genetics tests, factors relating to utilization, and delivery models for these tests. This work will serve as the basis for the design of future studies to test various intervention pathways for delivery of genetic tests for common diseases.

NIH/NHGRI Contract (Scheuner) $37,894 (9/15/08-4/15/09) 7% FTE

A Systematic Review of Community-Based Family Health History Projects

Through a comprehensive and systematic review process, this project will inform the NHGRI and public health communities of existing community-based family health history projects and materials, whether related tools and materials have been evaluated, and what the outcomes have been. As a result, this project will assist in the effort to move the field of family history forward. It will also inform funding agencies of the knowledge gaps relating to the effectiveness of family health history tools/ materials.

CDC/NOPHG Cooperative Agreement (Scheuner) $230,590 (9/30/08-9/29/09) 25% FTE

Family History Education to Improve Genetic Risk Assessment for Cancer

This is a 3-year project that will involve development, implementation and evaluation of a multicomponent education program for the clinicians working within the Women's Clinics at the Greater Los Angeles VAMC. The goal of the program is to increase family history collection, documentation and interpretation, and appropriate referral of women veterans suspected of having an inherited susceptibility to cancer.

VA, HSR&D (Scheuner) $75,000 (10/1/08-9/30/09) 35% FTE

GLA VA Health Services Genomics Research Pilot Program

This project will begin to pro-actively build the expertise and evidence base for helping the VA's clinicians and managers use genomic information effectively for enhancing veterans' health. To achieve this, we propose to create a Health Services Genomics Strategic Program Area (SPA) within the Greater Los Angeles VA's Center of Excellence that will (1) identify the issues healthcare providers encounter in providing genomics-related care to veterans, and (2) enable us to develop and evaluate models of delivering genetic/genomic medicine that address veteran and provider needs and preferences.

NCI/DCCPS/Applied Research Program Contract (Scheuner) $10,516 (9/15/07-12/31/08, no cost extension) 5%FTE

Assessing the Familial Risk of Cancer in the Year 2005 California Health Interview Survey (CHIS)

The purpose of this project is to develop and lead a manuscript that describes the prevalence of individuals in the year 2005 CHIS survey with weak, moderate or strong familial risk for breast, ovarian, endometrial, prostate, and colorectal cancer stratified by relevant demographic characteristics, and to assess the strength of association of strong or moderate familial risk compared to weak familial risk for each type of cancer.

CDC Cooperative Agreement (Scheuner) $160,236 9/30/08-9/29/09 25% FTE

Reporting DNA-Based Genetic Test Results Applicable to Heritable Conditions and/or Markers of Drug Metabolism: The Clinical Laboratory Report as a Decision Support Tool

The goals of this project include development of a framework for genetic test results, development of model genetic test reports and educational materials, and evaluation of these model reports by clients of molecular genetic laboratories.

NIH/NHLBI R21 (Scheuner) $192,172 (7/1/08-6/30/09, no cost extension) 9% FTE

Role of Family History in CAD Risk Assessment

Family history is a significant cardiovascular risk factor that has been underutilized in standard risk assessment methods for coronary artery disease and in guidelines for preventive interventions. Using existing data available in the NHLBI-funded Multi-Ethnic Study of Atherosclerosis and an existing method for comprehensive familial risk assessment for clinical coronary artery disease, we will develop a familial risk assessment method for subclinical coronary disease and determine whether traditional or emerging risk factors are associated with increased familial risk, and we will describe the impact of familial risk assessment for subclinical coronary disease on current guidelines for lipid-lowering treatment.

There is no scientific overlap.