

CURRICULUM VITAE

JACKIE R. SEE, M.D., F.A.C.C.

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Fullerton, California 92835
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E-mail: jrseemd@aol.com

DATE AND PLACE OF BIRTH: October 31, 1941, Washington, Missouri

SOCIAL STATUS: Married, 3 Children, 7 Grandchildren

EDUCATION: Antelope Valley High School
Lancaster, California – Graduated 1959

1964 B.A. University of California
Riverside, California

1968 M.D.
University of California College of Medicine
Irvine, California

June 1968 – June 1969 Internship
Rotating Internship Type II
Huntington Memorial Hospital
Pasadena, California

January 1972 – February 1973
Residency – Internal Medicine
Huntington Memorial Hospital
Pasadena, California

March 1973 – March 1974
Fellowship – Cardiology
Huntington Memorial Hospital
Pasadena, California

July 1974 – July 1975
Research Fellow in Cardiology
Peter Bent Brigham Hospital
Harvard Medical School
Boston, Massachusetts

MILITARY SERVICE: U.S. Navy Medical Corps
Lieutenant Commander – 1972
Active Duty 1969 – 1972

HONORS AND AWARDS:

Honor's Day Research Award
University of California Irvine
College of Medicine
May 10, 1997

Research Associate
Huntington Institute of Applied Medical
Research
Summer – 1966

Associate Director
Foundation for Cardiovascular Research
1968-1984

Fellow American College of Cardiology
1980

Alpha Omega Alpha
Honor Medical Society
Elected Member 1983

Director of Research
Foundation for Applied Research Technology
1980 to Present

The New York Academy of Sciences
Elected Active Member 1988

LICENSURE:

Licensed in the States of
California and Nevada

BOARD CERTIFICATIONS:

Diplomat
National Board of Medical Examiners
1968

Diplomat
American Board of Internal Medicine
Certified June 1976

PRESENT MEMBERSHIPS:

Fellow, American College of Cardiology
American Heart Association, Clinical Cardiology
Council, Basic Cardiovascular Sciences
Council, Peripheral Vascular Disease
Control

New York Academy of Sciences
International Liposome Society
Society of Cardiovascular CT
American Society of Echocardiography
American Association for the Advancement of
Science
Orange County Medical Association

APPOINTMENTS:

Assistant Clinical Professor of Medicine
Department of Medicine and Cardiology
School of Medicine, UC Irvine
1984 - 1997

Member Voluntary Faculty Association
UC Irvine School of Medicine
1997 to 2008

University of California, Irvine, School of
Medicine, Board Member, Alumni Association
2007 - present

Orange County Medical Association
Orange County Bar Association Liaison
Committee
1985 – 1986

Orange County Medical Association Committee
on Medical Aspects of Sports and Physical
Fitness
1985 –1986

Vice Chief of Staff, Western Medical Center
Anaheim, California
1986

Research Director, Foundation for Applied
Research and Technology
1980 to Present

Chairman, Quality Assurance Committee
Western Medical Center
1986

Medical Director, Southern California Heart
Institute, La Mirada, California
1986 – 1992

Chairman of the Institutional Review Board
Medical Center of La Mirada
La Mirada, California
1989 – 1992

Director, Cardiovascular Medicine Department
Medical Center of La Mirada
La Mirada, California
1990 – 1991

Chief of Staff, Medical Center of La Mirada
La Mirada, California
1991 – 1992

Department of Cardiology
Cardiology Catheterization Committee
Western Medical Center, Anaheim
1983 - Present

Interventional Cardiologist
Southwest Medical Associates
Las Vegas, Nevada
1992 – 1995

Consulting Interventional Cardiologist
Inland Cardiovascular Medical Group
Riverside, California
1995 – 2000

Private Practice
Consulting Interventional Cardiologist
Fullerton, California
1976 - Present

AREAS OF RESEARCH INTEREST:

Prostaglandins, cardiac effects, and pharmacology

Coronary blood flow measurements with digital subtraction angiography

⁹⁹Tc labeled microspheres study of coronary blood flow and ventricular function

Left ventricular function and isotope ventriculography in coronary artery disease

Nuclear cardiology

Treatment of pericardial inflammation

Coronary angioplasty and coronary blood flow measurement for diagnosis

PGE-1, myocardial blood flow pre- and post-coronary angioplasty, effects on restenosis

Silent ischemia

Cholesterol and fat absorption studies

Islet cell transplantation

Home disease detection kits, HIV and cholesterol

Liposomal synthesis

Mechanisms of Stem Cell Activity in the heart and lungs

Oral vaccine development

CT and MRI Imaging Agents

BIBLIOGRAPHY

SEE, J.R.: The Relationship of Adrenal Adenomas, the Juxtaglomerular Apparatus, and Hypertension in Humans. Read and abstracted at Honor's Day, California College of Medicine, May 1967.

GIDDINGS, J.A., SEE, J.R., LEWIS, R.D., and COSBY, R.S.: Thromboembolism Following Coronary Angiography. *Chest* 16: 235-239, 1972.

COSBY, R.S., YETT, F.A., GIDDINGS, J.A., SEE, J.R., and MAYO, M.: Physician-Computer Interaction as a Clinical Research Technique. *JAMA* 218: 1548-1551, 1972.

COSBY, R.S., GIDDINGS, J.A., SEE, J.R., and MAYO, M.: Variant Angina. Case Reports and Critique. *American Journal of Medicine* 53: 739-742, 1972.

COSBY, R.S., GIDDINGS, J.A., SEE, J.R., and MAYO, M.: Clinicoarteriographic Correlations in Angina Pectoris with and without Acute Myocardial Infarction. *American Journal of Cardiology* 30: 472-475, 1972.

SEE, J.R., GIDDINGS, J.A., and COSBY, R.S.: Medical Management of Acute Coronary Crisis. *Circulation* 46: 211-218, 1972.

COSBY, R.S., GIDDINGS, J.A., SEE, J.R., and MAYO, M.: Myocardial Infarction. *Geriatrics* 28: 139-142, 1972.

GIDDINGS, J.A., SEE, J.R., and COSBY, R.S.: Arteriographic Correlations in Angina, Coronary Insufficiency and Infarction. *Clinical Research* 21: 419, 1973.

GIDDINGS, J.A., SEE, J.R., and COSBY, R.S.: Coronary Arteriography in the Presence of Ventricular Dyskinesia. *Clinical Research* 21: 419, 1973.

SEE, J.R., COSBY, R.S., and GIDDINGS, J.A.: Coronary Angiography of Acute Coronary Insufficiency. *Clinical Research* 21: 449, 1973.

SEE, J.R., COSBY, R.S., and GIDDINGS, J.A.: Coronary Steal Syndrome in the Right and Left Coronary Arteries of the Dog During Acute Coronary Artery Constriction. *Clinical Research* 21: 449, 1973.

COSBY, R.S., GIDDINGS, J.A., SEE, J.R., and MAYO, M.: Pathophysiologic Mechanisms in Variant Angina. *Chest* (editorial) 64: 281-282, 1973.

GIDDINGS, J.A., SEE, J.R., and COSBY, R.S.: Hyperkinetic Heart Failure Following Aortic Valve Replacement. *Clinical Research* 22: 143A, 1973.

SEE, J.R., COSBY, R.S., and GIDDINGS, J.A.: Right and Left Coronary Artery Flow and Pressure Dynamics Following Total Occlusion. *Clinical Research* 22: 152A, 1974.

SEE, J.R., GIDDINGS, J.A., and COSBY, R.S.: Regional Left Ventricular Performance in Infarction and Angina. *Clinical Research* 22: 153A, 1974.

COSBY, R.S., GIDDINGS, J.A., and SEE, J.R.: Coronary Collateral Circulation. *Chest* 66: 27-31, 1974.

GIDDINGS, J.A., COSBY, R.S., and SEE, J.R.: Atrial Contribution to Cardiac Output in Normal Rhythm, Mitral Insufficiency and Mitral Stenosis as Measured by Echocardiography. *Clinical Research* 22: 304A, 1974.

SLAUGHTER, J., SEE, J.R., COSBY, R.S., and GIDDINGS, J.A.: Histopathologic Features of New Versus Old Coronary Collateral Vessels. *Clinical Research* 22: 304A, 1974.

SEE, J.R., COHN, P.F., MARLON, A.M., and COSBY, R.S.: The Effect of Direct Revascularization Surgery on Coronary Collateral Circulation in Man. *Clinical Research* 22: 686A, 1974.

COSBY, R.S., GIDDINGS, J.A., SEE, J.R., MAYO, M., and BOOMERSHINE, P.: The Echocardiogram in Non-Rheumatic Mitral Insufficiency. *Chest* 66: 642-646, 1974.

HOLMAN, B.L., COHN, P.F., SEE, J.R., ROBERTS, B.R., and ADAMS, D.F.: Regional Myocardial Blood Flow after Contrast Hyperemia in Patients with Coronary Artery Disease. *Clinical Research* 23: 205A, 1975.

SEE, J.R., COHN, P.F., HOLMAN, B.L., ROBERTS, B.R., and ADAMS, D.F.: Relationship between Regional Myocardial Blood Flow and Left Ventricular Wall Motion in Coronary Artery Disease. *Clinical Research* 23: 207A, 1975.

COSBY, R.S., SEE, J.R., GIDDINGS, J.A., TALBOT, J.C., ISHIKAWA, R., BUGGS, H., and MAYO, M.: Left Ventricular Dyskinesia in Infarction and Angina. *American Journal of Medicine* 59: 13-20, 1975.

COSBY, R.S., GIDDINGS, J.A., and SEE, J.R.: Complications of Coronary Arteriography. *American Heart Journal* 89 :259, 1975.

COSBY, R.S., GIDDINGS, J.A., SEE, J.R., and MAYO, M.: Chronic Papillary Muscle Dysfunction: Echocardiographics and Clinical Findings. *Western Society for Clinical Research* 33: 124A, 1975.

SEE, J.R., MARLON, A.M., FIEKES, H.L., and COSBY, R.S.: Effect of Direct Revascularization Surgery on Coronary Collateral Circulation in Man. *American Journal of Cardiology* 36: 734-738, 1975.

HOLMAN, B.L., COHN, P.F., SEE, J.R., IDIONE, J., and ADAMS, D.F.: Measurement of Myocardial Blood Flow with Xe 133 both at Rest and after Contrast Hyperemia. *Journal of Nuclear Medicine* 16: 536, 1975.

COSBY, R.S., SEE, J.R., GIDDINGS, J.A., and COPELAND, W.J.: Factors Associated with Survival Following Primary Ventricular Fibrillation. *Clinical Research* 24: 81A, 1976.

HOLMAN, B.L., COHN, P.F., ADAMS, D.F., and SEE, J.R., et al.: Regional Myocardial Blood Flow during Hyperemia by Contrast Agents in Patients with Coronary Artery Disease. *American Journal of Cardiology* 38: 416-421, 1976.

SEE, J.R., COHN, P.F., HOLMAN, B.L., et al.: Regional Myocardial Blood Flow in Coronary Artery Disease with and without Ventricular Asynergy. *Journal of Nuclear Medicine* 16: 567, 1975.

COSBY, R.S., GIDDINGS, J.A., SEE, J.R., and MAYO, M.: Late Complications of Myocardial Infarction. *JAMA* 236: 1717-1720, 1976.

COHN, P.F., MADDUX, D.E., HOLMAN, B.L., SEE, J.R., et al.: Effect of Sublingual Nitroglycerin on Regional Myocardial Blood Flow in Patients with Coronary Artery Disease. *Circulation* 54: 11-174, 1976.

MADDUX, D.E., SEE, J.R., HOLMAN, B.L., et al.: Effect of Coronary Collaterals on Regional Myocardial Blood Flow. *Circulation* 54: 11-231, 1976.

SEE, J.R., COHN, P.F., HOLMAN, B.L., et al.: Angiographic Abnormalities Associated with Alterations in Regional Myocardial Blood Flow in Patients with Coronary Artery Disease. *British Heart Journal* XXXVIII, No. 12: 1278-1285, 1976.

COHN, P.F., MADDUX, D.E., HOLMAN, B.L., MARKIS, J.E., ADAMS, D.F., SEE, J.R., et al.: Effect on Sublingually Administered Nitroglycerin on Regional Myocardial Blood Flow in Patients with Coronary Artery Disease. *American Journal of Cardiology* 39: 672-678, 1977.

COSBY, R.S., GIDDINGS, J.A., and SEE, J.R.: Echocardiographic Characteristics of Rheumatic and Non-Rheumatic Mitral Insufficiency. *Clinical Research* 25: 214A, 1977.

COSBY, R.S., SEE, J.R., GIDDINGS, J.A., and MAYO, M.: Echocardiographic Evidence of Papillary Muscle Dysfunction in Coronary Artery Disease. *Ultrasound in Medicine* 3A: 209-210, 1977.

SEE, J.R., HOLMAN, B.L., MADDUX, D.E., ADAMS, D.F., and COHN, P.F.: Markedly Reduced Regional Myocardial Blood Flow as a Predictor of Nonviable Myocardium in Areas of Abnormal Wall Motion. *Circulation* 56: 111-151, 1977.

ROBERTS, B.R., COHN, P.F., HOLMAN, B.L., ADAMS, D.F., and SEE, J.R.: Comparison between Regional Myocardial Blood Flow Measurements and Results of Exercise Tests. *Catherization and Cardiovascular Diagnosis* 3: 359-366, 1977.

SEE, J.R., WHIGHAM, H., COSBY, R.S., PETERSON, R., BRIGGS, H., GARDNER, R., PONTIUS, C.N., and CARLI, T.: Instantaneous Changes in Myocardial Blood Flow and Mean Arterial Pressure during Left Atrial Infusion of Prostaglandin E-1. *Clinical Research* 26, No. 2, 97A, February 1978.

SEE, J.R., COSBY, R.S., GIDDINGS, J.A., and MAYO, M.: Papillary Muscle Dysfunction and Mitral Insufficiency Associated with Myocardial Infarction. *Cardiovascular Medicine* 3, No. 3: 279-284, March 1978.

SEE, J.R., and COSBY, R.S., editors: *Myocardial Infarction in the Spectrum of Ischemic Heart Disease*. *Advances in Cardiology*, Vol. 23, S. Karger: Basel, 1978.

SEE, J.R., ARGUE, R.L., SILVERIA, R.A., KWON, K., DEMMAN, J.D., KUNELIS, C.T., MATSU NO, M., and COSBY, R.S.: Regional Myocardial Blood Flow in Regions of Prior Infarction *Advances in Cardiology*, Vol. 23, Karger: Basel, 82-92, 1978.

COSBY, R.S., GIDDINGS, J.A., SEE, J.R., and MAYO, M.: Late Complications of Myocardial Infarction. *Advances in Cardiology*, Vol. 23, Karger: Basel 73-81, 1978.

SEE, J.R., COHN, P.F., HOLMAN, B.L., ADAMS, D.F., and MADDUX, D.E.: Significance of Reduced Regional Myocardial Blood Flow in Asynergic Areas Evaluated with Interventional Ventriculography. *American Journal of Cardiology*, Vol. 43, 179-186, February 1979.

SEE, J.R., KWON, K., ARGUE, R.L., JENKINS, D., and MADDOX, D.E.: Radionuclide Evaluation of the Effect on Nitroglycerin on Left Ventricular Performance after Revascularization. *Clinical Research*, Vol. 28, No. 2, 186A, April 1980.

COHN, P.F., MADDOX, D.E., HOLMAN, B.L., and SEE, J.R.: Effect of Coronary Collateral Vessels on Regional Myocardial Blood Flow in Patients with Coronary Artery Disease. *American Journal of Cardiology*, Vol. 46, 359-364, September 1980.

KWON, K. FIRPO, R., SEE, J.R., and JENKINS, D.: Mortality and Morbidity in Myocardial Revascularization: Effect of Additional Surgical Procedures. XI Inter- American Congress of Cardiology, San Juan, Puerto Rico, September 1980.

KWON, K. FIRPO, R., GREEN, J., SEE, J.R., and JENKINS, D.: Operative Mortality and Morbidity with Angiographic Comparison between a Control Group and Patients Requiring Repeat Myocardial Revascularization. *Clinical Research* Vol. 30, No. 2, 199A, 1982.

GREEN, J., SEE, J.R., KWON, K., MIKULESKY, D., GRAINS, P., and HENDERSON, B.: Serial Radionuclide Ventriculographic Studies of Left Ventricular Function and Contractile Reserve Two Years after Revascularization. *Clinical Research*, April 1983.

SEE, J.R., LIEBER, I.H., MATTHEWS, O.H., and SHELL, W.E.: Effect of Intracoronary Prostaglandin E-1 on Myocardial Blood Flow before and after Coronary Angioplasty in Man. *Circulation*, Vol. 72, Suppl. III, October 1985.

SHELL, W.E., KIVOWITZ, C.F., RUBIN, S.B., and SEE, J.R.: Medical Treatment of Silent Myocardial Ischemia with use of Transdermal Nitroglycerin. *American Heart Journal*, March 1986.

SHELL, W.E., SEE, J.R., et al.: Measurement of Myocardial Blood Flow with Non-Radioactive Microspheres. *Circulation*, Vol. 72, Suppl. II, October 1985.

SEE, J.R., SHELL, W.E., MATTHEWS, O., CANIZALES, C., VARGAS, M., GIDDINGS, J.A., and CERRONE, J.: Prostaglandin E-1 Infusion after Angioplasty in Man Inhibits Abrupt Occlusion and Early Restenosis. *Advances In Prostaglandin, Thromboxane, and Leukotriene Research, Prostaglandins and Related Compounds*, Raven Press, Pages 261-271, 1988.

SEE, J.R., and SHELL, W.E.: Prostaglandins in Angioplasty. *Applied Cardiopulmonary Pathophysiology*. 2: 193-198, Kluwer Academic Publishers, Dordrecht, printed in The Netherlands, 1988.

SEE, J.R., et al.: In-hospital acute closure after coronary angioplasty: a randomized double-blind study utilizing intravenous prostaglandin E-1 infusion. *Prospects and strategies in Cardiovascular Research*, symposium held in Maastricht, The Netherlands, 1988.

SEE, J.R., SHELL, W.E., MCLAUGHLIN, R.T., Jr.: Detection of Pulmonary Emboli by X-ray Visualization of Biodegradable Microspheres Impregnated with Iodinated Contrast. *Circulation*, October 1988, Part II, Vol. 78, No. 4.

TOBIS, J., OAKES, D., SATO, D., NALCIOGLU, O., JOHNSTON, W.D., MALLERY, J., SEE, J.R., QU, L., REESE, T., PAYNTER, J., MONTELLI, S., and HENRY, W.L.: Minimal Luminal Diameter Versus Percent Diameter Narrowing for Assessing Coronary Artery Diseases. *Cardiology Board Review, Noninvasive and Invasive Methods of Cardiovascular Diagnosis*, Vol. 6, No. 6, June 1989.

SEE, J.R.: Serum Retinal Levels as a Method of Measuring Dietary Fat Absorption. Clinical Research, April 1991.

SEE, J.R.: Effect of High Dose Angiotensin – Converting Enzyme Inhibition on Restenosis: Final results of the MARCATOR Study, a multicenter, double-blind, placebo-controlled trial of Cilazapril. Faxon, David P., on behalf on the MARCATOR Study Group, Principal Investigator Jackie R. See, M.D., La Mirada, California. Journal of the American College of Cardiology, Vol. 25, No. 2, February 1995: 362-9.

SEE, D.M., SEE, J.R., CLARK, T., and TILLES, J.: Successful Immunization of Mice Using Liposomes Containing Inactivated, Prototype Strains of All Six Types of Coxsackie Group B Viruses. Vaccine Research, Vol. 6, No. 1, Pages 27-32, 1997.

KHEMKA, V., SEE, D.M., SEE, J.R., CHANG, J., CHOU, S., and TILLES, J.G.: The Capacity of a Combined Liposomal Hepatitis B and C Vaccine to Stimulate Humoral and Cellular Responses in Mice. Viral Immunology, Vol. 11, No. 2, Pages 73-78, 1998.

PRINCIPAL INVESTIGATOR

1. January 19, 2008, Lancet Journal, Volume 371, Issue 9608, Pages 228-236. Results of a non-specific immunomodulation therapy in chronic heart failure (ACCLAIM trial): a placebo-controlled randomized trial.
2. April 10, 2006, AstraZeneca LP, Wilmington, DE. A 6-week, open-label, dose-comparison study to evaluate the safety and efficacy of rosuvastatin vs atorvastatin, pravastatin and simvastatin in subjects with hypercholesterolemia.

HOSPITAL STAFF POSITIONS

Western Medical Center, 1025 S. Anaheim Blvd., Anaheim California 92805

Courtesy Staff, Department of Cardiology
1983 – Present

RESEARCH PAPERS PRESENTED

1. April 1972, Inter American Congress of Cardiology, San Francisco, California. Thromboembolism Following Coronary Angiography.
2. February 1972, Regional Meeting, American College of Physicians. Beverly Hills, California. Thromboembolism Following Coronary Angioplasty.
3. January 10, 1975, Eastern Section, American Federation for Clinical Research, Boston, Massachusetts. The Effect of Direct Revascularization Surgery on Coronary Collateral Circulation in Man.
4. March 1975, University of California, Irvine, College of Medicine and Pasadena Cardiovascular Research Foundation, Newport Beach, California. Pathophysiology of Coronary Heart Disease.
5. June 18, 1975, Annual Meeting, New England Society of Nuclear Medicine, Philadelphia, Pennsylvania. Regional Myocardial Blood Flow (RMBF) in Coronary Artery Disease (CAD) with and without Ventricular Asynergy.
6. October 24, 1975, University of California Fall Meeting, Lake Arrowhead, California. The Effect of Direct Revascularization Surgery on the Collateral Circulation in Man.
7. November 17, 1975, American Heart Association Meeting, Anaheim, California. Angiographic Abnormalities Associated with Alteration in Regional Myocardial Blood Flow in Coronary Artery Disease.
8. April 2, 1976, Foundation for Cardiovascular Research and the Hospital of the Good Samaritan, Palm Springs, California. Postextrasystolic Potentiation: Interrelation between Cycle Length and Ventricular Contractility.
9. March 15, 1977, Foundation for Cardiovascular Research and the Hospital of the Good Samaritan, Palm Springs, California. Regional Myocardial Blood Flow in the Regions of Prior Myocardial Infarction before and after Revascularization.
10. November 28, 1977, American Heart Association 50th Scientific Session, Miami Beach, Florida. Markedly Reduced Regional Myocardial Blood Flow as a Predictor of Non-Viable Myocardium in Areas of Abnormal Wall Motion.
11. May 1, 1978, American Federation for Clinical Research National Meeting, San Francisco, California. Instantaneous Changes in Myocardial Blood Flow, Cardiac Output, and Mean Arterial Pressure During Left Atrial Infusion of Prostaglandin E-1.
12. September 10, 1980, XI Inter American Congress of Cardiology, San Juan, Puerto Rico. Radionuclide Evaluation of Nitroglycerin Induced Regional Contractile Reserve before and after Revascularization.
13. April 2, 1982, Cardiovascular Update, Sponsored by the American Heart Association, Kern County Chapter and Foundation for Applied Research and Technology. Rio Bravo Ranch, Bakersfield, California. Nuclear Cardiology: Value in Determining Operative Candidates and Postoperative Results.
14. November 13, 1985, American Heart Association's 58th Annual Scientific Sessions, Washington, D.C. Effect of Intracoronary PGE-1 on Myocardial Blood Flow pre- and post-Coronary Angioplasty in Man.

15. June 4, 1986, 6th International Conference on Prostaglandins and Related Compounds, Florence, Italy. Prostaglandin E-1 Infusion after Angioplasty in Man Inhibits Abrupt Occlusion in Early Restenosis.
16. November 20, 1987, Applied Physiology in Cardio-Respiratory Emergencies, Erasmus University Rotterdam, Netherlands. Prostaglandins in Angioplasty.
17. November 16, 1988, American Heart Association's 61st Annual Scientific Sessions, Washington, D.C. Detection of Pulmonary Emboli by X-ray Visualization of Biodegradable Microspheres Impregnated with Iodinated Contrast.
18. October 2 – 5, 1988, Prospects and Strategies in Cardiovascular Research, Maastricht, The Netherlands. Prostaglandins in Angioplasty.
19. June 27 – July 1, 1993, 3rd International Conference on Preventive Cardiology, Oslo, Norway, Beta-sitosterol Pectin Complex Inhibits Dietary Cholesterol Uptake (co-author).
20. April 1997, American College of Urology Annual Symposium, New Orleans, Louisiana. Lyophilized Liposomal PGE-1 Usage in Erectile Dysfunction (co-author).
21. October 2 – 4, 1997, XI International Symposium on Atherosclerosis, Abbaye De Royaumont, France, Reduction of LDL-c Using a Beta-sitosterol Pectin Complex (co-author).
22. October 1998, Symposium on Sexual Dysfunction, Boston, Massachusetts. MRI Flow Studies of Female Pelvic Blood Flow in Rabbits in the Presence of PGE-1 Topical Lotion (co-author).

INVITED LECTURES GIVEN

1. August 15, 1983, "Percutaneous Transluminal Coronary Angioplasty," Associated Alumni, UCI-CCM Scientific Sessions, Waialae, Maui.
2. October 26, 1983, "Percutaneous Transluminal Angioplasty Procedure," La Habra Community Hospital, Medical and Nursing Staff.
3. February 15, 1984, "Stress as a Cause of Cardiovascular Disease: Is it Anyone's Fault?" Association of Southern California Defense Council, Annual Winter Seminar at Banff Springs Hotel, Alberta, Canada.
4. April 26, 1985, "Percutaneous Transluminal Coronary Angioplasty," Guest Faculty, Western Medical Center, Anaheim, California.
5. February 2, 1985, "Health Care Legislation: It's Impact on the Profession," 8th Annual Association of Southern California Defense Council Seminar, Steamboat Springs, Colorado.
6. November 10 – 14, 1985, "Effect of Intracoronary PGE-1 on Myocardial Blood Flow pre- and post-Angioplasty in Man," American Heart Association 58th Scientific Session, Washington, D.C.
7. December 16, 1986, "Overview of Silent Ischemia," Baylor College of Medicine, Texas Medical Center, Houston, Texas.
8. March 4, 1986, 9th Annual Association of Southern California Defense Council Snow Seminar, Teton Village, Jackson Hole, Wyoming. "Health Care Plans, Cost Cutting vs. Quality of Care, Role of Malpractice Litigation."
9. March 14, 1986, Cardiovascular Seminar at Long Beach Memorial Hospital A.A.C.N. of the Greater Long Beach/Orange County Chapter. "Prostaglandin PGE-1."
10. June 9, 1986, Loma Linda University Medical Center, School of Medicine, Medical Grand Rounds, "Prostaglandins in Coronary Angioplasty."
11. June 4, 1986, "PGE-1 and Restenosis," 6th Annual International Conference on Prostaglandins, Florence, Italy.
12. July 8, 1986, "Complications of Acute Myocardial Infarction," UCI-CCM Annual Conference, Maui, Hawaii.
13. July 1984, "Angioplasty in Acute Myocardial Infarction," Associated Alumni, UCI-CCM Scientific Session, Mauna Lani, Hawaii.
14. May 15, 1986, "Angioplasty in Man," Biology of Heart Disease Seminar, University of California, Irvine, California.
15. January 28, 1986, "Prostaglandin Therapy in the PTCA Patient," Western Medical Center, Anaheim, California, Education Program of RN's and LVN's.
16. September 18, 1986, "Prostaglandin E-1 Infusion after Angioplasty in Man Inhibits Abrupt Occlusion and Early Restenosis," Harvard Medical School, Brockton/West Roxbury, Veterans Administration Medical Center, Boston, Massachusetts.

17. October 25, 1986, "Prostaglandin: Effects on Early and Late Restenosis," Update 1986 PTCA and Acute Myocardial Infarction, presented by Advanced Cardiovascular Systems, Inc., The Upjohn Company, La Jolla, California.
18. November 15, 1986, "Thrombolysin," Associated Alumni University of California, Irvine, Scientific Sessions, Palm Desert, California.
19. October 6, 1986, "Current Trends in Angioplasty," Continuing Medical Education, Western Medical Center, Anaheim, California.
20. February 19, 1987, "The Use of Prostaglandins in PTCA," Leeds, United Kingdom.
21. February 20, 1987, "Pharmacological Control of Restenosis Following PTCA," St. Thomas Hospital (The Rayne Institute), London, United Kingdom.
22. February 24, 1987, "The Use of PGE-1 in Coronary Angioplasty," Belgium Group for International Cardiology, Brussels, Belgium.
23. February 26, 1987, "The Use of Prostaglandins in PTCA," Oporto, Portugal.
24. March 11, 1987, "New Developments in Medicine and the Law," the 32nd Annual Association of Southern California Defense Council, Snow Seminar, Snowmass, Colorado.
25. July 7 – 10, 1987, "Complications of Acute Myocardial Infarction," Continuing Medical Education, Associated Alumni UCI-CCM, Maui, Hawaii.
26. April 2 – 3, 1987, "Prostaglandins Therapy," Frontiers in Cardiology for the Primary Care Physician 4th Annual Seminar, Baptist Memorial Hospital, The University of Tennessee, Memphis, Tennessee.
27. May 26, 1987, "Percutaneous Transluminal Coronary Angioplasty: the Effects of Prostaglandins as Therapeutics," Society of Critical Care Medicine, Anaheim, California.
28. July 29, 1987, "Recent Advances in Cardiology," Associated Alumni UCI-CCM, Continuing Medical Education, Lake Tahoe, Nevada.
29. September 16, 1987, "PTCA and Restenosis," Medical Subspecialty Lectures University of California, Irvine.
30. November 20, 1987, "Prostaglandins in Angioplasty," Applied Physiology in Cardio-Respiratory Emergencies, Erasmus Universiteit, Rotterdam, Netherlands.
31. November 23, 1987, "Prostaglandins," Cardiovascular Nursing Symposium 1988 American Heart Association, Orange County Chapter, Irvine, California.
32. February 26, 1988, "Prostaglandins," Cardiovascular Nursing Symposium 1988 American Heart Association, Orange County Chapter, Irvine, California.
33. April 15, 1988, "Percutaneous Transluminal Coronary Angioplasty," University of California, Irvine Medical Center, Department of Medicine, Cardiology Division, Cardiology Research Conference, Orange, California.
34. May 3, 1988, "Complex Coronary Angioplasty," Continuing Medical Education Program, Medical Center of La Mirada, Gateway Plaza Holiday Inn, La Mirada, California.

35. June 6, 1988, "PGE-1 in Angioplasty," University of Graz, Vienna, Austria.
36. June 7, 1988, "PGE-1 in Angioplasty," University Clinic, Innsbruck, Austria.
37. July 19, 1988, "Thrombolytic Therapy for Acute M.I.," Family Health Plan Hospital, Fountain Valley, California.
38. October 3, 1988, "Prostaglandins in Angioplasty," International Congress, "Prospects and Strategies in Cardiovascular Research," Maastricht, Netherlands.
39. October 7, 1988, "Prostaglandins in Angioplasty," Upjohn International Visiting Professor Program, Belgium.
40. October 9, 1988, "Prostaglandins in Angioplasty," Upjohn International Visiting Professor Program, Belgium.
41. October 22, 1988, "Prostaglandins in Angioplasty," Regional Symposium, Palm Desert, California.
42. November 5, 1988, "Comparison of Multi-vessel Angioplasty with CABG," 14th Annual Primary Care Seminar, Nu-Med Hospitals, Monterey, California.
43. February 16, 1989, "Sorting Out the Significance of Prostaglandins in Cardiology," the Scripps Memorial Hospital Cardiovascular Institute and the Scripps Memorial Hospital's Foundation, La Jolla, California.
44. March 4 – 11, 1989, "New Developments in Medicine and the Law," 12th Annual Southern California ASCDC Snow Seminar, Breckenridge, Colorado.
45. May 9, 1989, Medical Center of La Mirada Celebration of National Hospital Week, "Wellspring," a Chamber Mixer, Southern California Heart Institute "Future Plans of SCHI," La Mirada, California.
46. August 11, 1989, "Clinical Use of Prostaglandins," Associated Alumni UCI-CCM Annual Scientific Sessions, Lake Tahoe, Nevada.
47. August 25, 1989, "Recent Advances in Cardiology," Southern California Heart Institute, Dedication of Interventional Cardiology Laboratory in the Name of Richard S. Cosby, M.D.
48. February 28, 1990, "Patients and Health Insurance," 13th Annual Southern California ASCDC Snow Seminar, Whistler, British Columbia, Canada.
49. August 7, 1990, "Cholesterol and Myths Versus Facts in Coronary Disease," Associated Alumni UCI-CCM Annual Scientific Session, Lake Tahoe, Nevada.
50. October 13 – 14, 1993, "Methods to Stabilize Liposomal Preparations," Monnheim, Germany.

US and International Patents issued, listing available upon request, 1983 - Present

US and International Patents applied-for and continuations-in-part available upon request, 1983 - Present