

## CURRICULUM VITAE

**NAME:** JAMES SIMEON GOODWIN, M.D. **DATE:** October 29, 2009

### PRESENT POSITION AND ADDRESS:

07/92 George and Cynthia Mitchell Distinguished Chair of Geriatric Medicine  
Department of Internal Medicine  
Division of Geriatrics  
Director, Sealy Center on Aging  
The University of Texas Medical Branch  
Galveston, Texas 77555-0460  
Phone: (409) 747-1987  
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### BIOGRAPHICAL:

Date of Birth: 5/19/45  
Place of Birth: Cleveland, Ohio  
Citizenship: USA  
Home Address: 9280 Jamaica Beach  
Galveston, TX 77554

### EDUCATION:

June, 1967 Psychology Cum Laude, BA, Amherst College, Amherst, MA  
June, 1971 M.D., Harvard Medical School, Boston, MA  
(Aesculapian Society; class vice president; graduation speaker)  
April, 1997 Management Development Program, Wharton School, Philadelphia, PA.

### BOARD CERTIFICATION:

Internal Medicine - June 22, 1976  
Rheumatology - June 27, 1978  
Geriatric Medicine - October 1, 2000

**LICENSURE INFORMATION:** State of Texas – 11/30/09

### PROFESSIONAL WORK HISTORY AND TEACHING EXPERIENCE:

1971-1972 Intern, Harbor General Hospital, Torrance, CA  
1972-1974 Staff Associate, National Heart and Lung Institute, National Institute of Health, Bethesda, MD  
1974-1976 Resident, Internal Medicine, University of New Mexico School of Medicine, Albuquerque, NM  
1976-1978 Fellow in Rheumatology, University of New Mexico School of Medicine, Albuquerque, NM

- 1978-1981 Assistant Professor of Medicine, University of New Mexico School of Medicine, Albuquerque, NM
- 1981-1985 Associate Professor of Medicine, University of New Mexico School of Medicine, Albuquerque, NM
- 1980-1985 Chief, Division of Gerontology, University of New Mexico School of Medicine, Albuquerque, NM
- 1985-1987 Research Professor (Adjunct), Department of Medicine, University of New Mexico School of Medicine, Albuquerque, NM
- 1985-1988 Professor and Vice Chairman, Department of Medicine, Medical College of Wisconsin, Milwaukee, WI
- 1988-1992 Professor of Medicine and Chief of Geriatrics, University of Wisconsin, Milwaukee Campus, Milwaukee, WI
- 1988-1992 Director, Sinai Samaritan Geriatrics Institute, Milwaukee, WI
- 1992- Professor, Department of Internal Medicine, Division of Geriatrics, The University of Texas Medical Branch, Galveston, TX
- 1992-2001 George and Cynthia Mitchell Distinguished Professor of Geriatric Medicine, The University of Texas Medical Branch, Galveston, TX
- 1992 - Director, Sealy Center on Aging, the University of Texas Medical Branch
- 1992-2005 Division Director of Geriatrics, Department of Medicine, The University of Texas Medical Branch
- 1994- Professor of Nursing, UTMB School of Nursing, The University of Texas Medical Branch
- 1994- Professor of Preventive Medicine and Community Health, University of Texas Medical Branch
- 1996-1999 Medical Director, Senior Services Office, The University of Texas Medical Branch
- 1999-2003 Chief Medical Officer, Geriatric Service Line, The University of Texas Medical Branch
- 2001- George and Cynthia Mitchell Distinguished Chair of Geriatric Medicine, Department of Internal Medicine, Division of Geriatrics, The University of Texas Medical Branch
- 2005- Professor of Rehabilitation Sciences, School of Allied Health, University of Texas Medical Branch

**RESEARCH ACTIVITIES:**

**A: CURRENT AREAS OF RESEARCH:**

Patterns of cancer care in the elderly  
Barriers to health care delivery in the elderly  
Predictors of physical functioning and health in older populations

**B: GRANT SUPPORT:**

Principal Investigator- (current):

Sealy and Smith Foundation Support for Sealy Center on Aging, \$13,150,000 (total costs), 9/1/95-8/31/10.

NIH-T32AG00270 - Health of Older Minorities (pre and post doctoral training grant), 5% time, \$822,824 (direct costs), 7/1/99 - 6/30/09.

5P30AG024832 - UTMB Claude Pepper Older American Independence Center, 20% time, \$1,003,589 (total costs), 06/15/05-04/30/10.

NIH-5P50CA105631 - UTMB Center for Population Health and Health Disparities, 25% time. \$9,276,581 (total costs), 9/01/03 – 8/31/09

NIH-1R01CA134275-01 - Understanding mechanisms of ethnic disparities in colorectal cancer screening, 25% time, \$1,510,000 (total costs), 07/01/08-06/30/13.

HRSA-1 D31HP08839-01-00 - East Texas Geriatric Education Center, 10% time, \$647,268 (total costs), 09/01/07-06/30/10.

NIH-T35-AG026778 - Summer Research Training in Aging for Medical Students (subcontract from University of Pittsburgh), 3% time, \$145,475 (total costs), 06/01/05-05/31/10.

NIH-K05-CA134923 - Established Investigator Award in Cancer Prevention and Control, 30% time, \$500,000 (total costs), 9/1/08-8/31/13

NIH-1R01-AG033134 - Care of the Older Hospitalized Patient: the role of hospitalists, 20% time \$656,488 (total costs), 9/15/09-8/31/11

Co-Investigator-(current)

AG-10939 - A Longitudinal Study of Mexican-American Elderly Health (K. Markides, PI) \$6,920,000 (total costs for 1998-2009), 5% time, 9/30/92 – 11/30/13.

5-R01CA133069 - Late Effects of Radiation in Older Gynecologic Cancer Survivors (J. Freeman, PI), 10% time, \$674,970, 05/08/08-04/30/11

1-R01AG031178 - Psychological Well Being and Recovery among Older Hospitalized Adults (G. Ostir, PI), 5% time, \$1,540,000, 07/01/08-06/30/13

Principal Investigator- (prior funding):

NIAID AII4838 - "Young Investigator Award" - Suppressor Cell Activity in Human Peripheral Blood \$270,000 (direct costs), 4/1/78 - 3/30/81

NIH AG01245 - Role of Prostaglandins in the Immunobiology of Aging \$1,240,000 (direct costs) 12/1/78 - 11/30/83; \$632,454 (direct costs) 12/1/83 - 11/30/89 (40% time).

AM 34672 - Role of Leukotrienes in Humoral and Cellular Immunity \$270,000 (direct costs) 12/1/84 - 11/30/88 (20% time).

CA 36592 - Patterns of Cancer Care in Elderly New Mexicans \$280,000 (direct costs) 4/1/84 - 3/31/87 (15% time, co-principal investigator with J. Samet).

Dreyfus Foundation support for book writing - \$5,000 open termination.

Pfizer International - Effect of Piroxicam in Vivo on Immunologic Function \$125,000 total, 9/1/81 - 8/30/84.

AARP-NRTA Andrus Foundation - Effect of Subclinical Malnutrition on Cognitive Function in the Elderly. \$120,000 total costs, 7/1/81 - 6/30/84.

ITT-Continental Baking Company - Prospective Study of the Effect of Major Life Changes on Human Nutrition, Co-Principal Investigator \$50,000 total costs, 7/1/81 - 6/30/83.

Searle, Inc. - Effect of Oral Prostaglandin Analogues on Immunologic Function in Healthy Elderly Subjects \$55,000, 1/1/83 - 12/30/87.

NIA AG02049 - A Prospective Study of Nutrition in the Elderly \$533,117 (direct costs) 12/1/79 - 11/30/84 (principal investigator 20% time); \$420,000 (direct costs) 1/1/84 - 11/30/87 (co-investigator).

Searle Prostaglandin Challenge grant - Role of arachidonic acid metabolites in signal transduction for IL-1. 20% time, \$250,000 (direct costs), 7/1/91 - 6/30/93, principal investigator.

NIH-NR-03243. Barriers to breast cancer in older women. 20% time, \$892,000 (direct costs), 9/1/92 - 8/31/96.

Pew Charitable Trust. Health of the Public Initiative. 10% time, \$250,000 (direct costs), 10/1/93-3/30/97.

U.S. Army. BC962107 - The elevated breast cancer mortality in the Northeastern U.S. is secondary to poorer survival rather than increased incidence. 25% time, \$300,000 (total costs), 4/1/97 - 10/31/99.

NIH-AG 00618. Geriatric Leadership Academic Award. 25% time, \$480,000 (direct costs). 4/20/94 - 2/28/01.

NIH-CA 871773. Variations in Breast Cancer Treatment and Mortality. 15% time, \$843,307 (direct costs), 4/1/99 - 3/31/04.

AAMC/Hartford Foundation. Enhancing Gerontology and Geriatric Medical Education in

Undergraduate Medical Education. 10% time, \$100,000, 7/01/00 – 6/30/03.

Hartford Foundation. Emerging Center of Excellence. 5% time, \$200,000, 7/01/02 – 6/30/04.

Arthur Vining Davis Foundations. Enhancing End of Life Education for Health Care Professionals. \$142,800 (Total costs), 7/01/02 – 6/30/06.

HRSA-D31HP80023. East Texas Geriatric Education Center. 10% time. \$1,000,000 (total costs), 12/31/06.

NIH-R01 - CA104949 - Use of claims data to study quality of cancer care, 10% time, \$792,000 (total cost). 5/01/04 – 04/20/09.

Komen Foundation. Breast Cancer in Hispanic Women, 5% time, \$250,000 (total costs). 07/01/06-06/30/09.

## **COMMITTEE RESPONSIBILITIES:**

### **A. NATIONAL COMMITTEES:**

Member, National Institute on Aging Research Planning Panel; Chairman, Subcommittee on Nutrition and on Rheumatic Diseases 1982-1984

Member, Clinical Liaison Team, National Research Agenda on Aging, National Academy of Sciences, Institute of Medicine, 1988-1989

National Arthritis Foundation Fellowship Selection Committee, 1985-1989

American Rheumatologic Association, National Program Committee, 1987

American Geriatrics Society, NIA Subcommittee, 2007-Present

Ad Hoc member of NIH Study Sections and Site Visit Teams

Immunological Sciences, 1979

Arthritis Center Review 1987

Immunobiology 1989

AHCPR 1996, 1997, 1998, 1999

NIA Pepper Center Review – 2000

Member, Aging Systems and Geriatrics Study Section, NIH 2009-2012.

Member, VA Merit Review Subcommittee for Aging and Clinical Geriatrics, 1999-02. Chairman, 2001-2002.

American Association of Immunologists Program Committee, 1988-91. Chairman of Inflammation/Immunopharmacology Block, 1988-1991

### **B. UTMB COMMITTEES:**

1994-1996 Search Committee for Chairperson of Microbiology, UTMB  
 1994-1996 Search Committee for Director of UTMB Center for Health Care Policy and Research  
 1994-1997 UTMB Faculty Coordinating Committee  
 1992-1994 UTMB Faculty Advisory Council  
 1992- Chairman, UTMB Center on Aging Advisory Committee  
 1993-1996 Department of Medicine Quality of Stay Committee  
 1992- Department of Medicine Executive Committee  
 1992-1994 Department of Medicine Clinical Care Committee  
 1994- Department of Medicine Research Advisory Committee  
 1996-1998 Chairman, Institutional Slips and Falls Committee, UTMB  
 1996-1998 UTMB Performance Improvement Committee  
 1995-1996 Outcomes Evaluation Task Force  
 1996-1997 UTMB School of Medicine Executive Committee  
 1997-1998 Search Committee for Chairperson of Family Medicine, UTMB  
 1997-2000 UTMB Academic Planning Committee  
 1997-1998 Steering Committee of UTMB LCME Task Force; Chairman, Subcommittee on Finance  
 1997-1999 UTMB Course Design Committee for New Curriculum  
 1997-1998 UT-MED Finance Committee  
 1998- UTMB School of Medicine Faculty Performance Evaluation Committee  
 1999-2000 UTMB Academic Program Review Committee  
 1999-2000 UTMB School of Medicine Curriculum Integration Committee  
 2000-2004 UTMB Group Practice Council  
 2000- Dean's Advisory Council  
 2001-2003 Executive Committee, Faculty/Staff Campaign Committee  
 2001-2005 Board of Directors, UTMB Health Care Systems, Inc.  
 2001-2004 Board of Directors, Galveston PACE, Inc.  
 2001-2005 UTMB Presidential Faculty Development Leave Review Committee  
 2004- UTMB SOM Research Advisory Task Force

**C. OTHER PROFESSIONAL ACTIVITIES:**

1980-1985 Chairman, Provost's Committee on Aging, University of New Mexico  
 1988-1992 Medical Director, VNA Independent Living Services, Milwaukee  
 1989-1992 Chairman, Needs of the Elderly Committee, Milwaukee County Medical Society  
 1985-1992 Associate Director, Midwest Geriatric Education Center  
 1989-1992 Medical Advisory Board Member, Wisconsin Alzheimer's Information and Training Center  
 1992- Member of Executive Committee, American Cancer Society, Galveston Branch  
 1992- Chauncey Leake History of Medicine Society  
 1996-1997 Vice-President  
 1997-1998 President

**EDITORSHIPS:**

1983-1992 Editor, Mediguide to Inflammatory Disease, New York, Lawrence DellaCorte, Publisher

- 1982-1986 Associate Editor, Journal of Immunology
- 1984-present: Member of Editorial Board, Clinical Rheumatology
- 1985-1988 Member of Editorial Board, Arthritis and Rheumatism
- 1986-present Member of Editorial Board, In Vivo
- 1987-present Member of Editorial Board, Immunopharmacology and Immunotoxicology
- 1991-1993 Member of Editorial Board, Journal of the American Geriatrics Society
- 1997- Member of Editorial Board, Texas Journal on Aging
- 2004- Member of Editorial Board, Revue Sociologie Santé
- 2005- Member of Editorial Board, J. Gerontol. Med. Sci.

### **TEACHING RESPONSIBILITIES AT UTMB:**

#### GRADUATE COURSES: (Preventive Medicine and Community Health)

Health Care Policy and Administration (Co-director, with Jean Freeman, Ph.D.)  
 Methods in Health Services Research (Co-director, with Jean Freeman, Ph.D.)

#### DOCTORAL COMMITTEES:

Linda Perkowski	1993-96
Helen Wu	1996-98
Glenn Ostir	1997-99
Whitney Randolph	1998-01
Nuha Lackan	2000-05
Soham Al Snih (Chair)	2000-05
Debra Newell	2002-03
Ruili Luo (Chair)	2002-06
Tracy Nguyen	2004-
Taylor Riall (Chair)	2004-

#### MENTOR FOR JUNIOR FACULTY K AWARDS SINCE 2000:

Riall, Taylor	Outcomes of Surgery for Pancreatic Cancer (K-08)	07/01/08-06/30/13
Sharma, Gulshan	Influence of Continuity of Care on End of Life Care (K-08)	07/01/08-06/30/13
Caban, Mabel	Effects of Disability on the Diagnosis of Breast Cancer (K-23)	9/30/2005-8/31/2010
Giordano, Sharon	Adherence Among Older Women with Breast Cancer (K08)	7/1/2004-6/30/2009
Killewich, Lois A.	Peripheral Arterial Disease and Leg Muscle Metabolism (K-08)	8/1/2002-7/31/2007

Loera, Jose A.	Complimentary Alternative Medicine Use in Hispanics (K-23)	9/10/2001-8/31/2006
Nguyen, Tracy	Functional recovery after hip fracture. (K-12)	8/29/2005-7/31/2010
Ostir, Glenn V.	Assessing Quality of Life for Rehabilitation Patients (K01)	12/1/2004-11/30/2009
Satish, Shiva	Clinical Significance of High Blood Pressure in the Very Old (K08)	9/30/2001-10/1/2002

## MEMBERSHIP IN SCIENTIFIC SOCIETIES:

1981-	American Society for Clinical Investigation
2003-	Association of American Physicians
1978-	American Rheumatologic Association
1976- 1980-1983 1984 1985 1984-1986	American Federation for Clinical Research Councilor, Western Section Secretary-Treasurer, Western Section President, Western Section National Council
1978- 1988-1991	American Association of Immunologists Program Committee
1978- 1983-1986	Western Society for Clinical Investigation Councilor
1983- 1993-	American Gerontologic Association Fellow
1979-	American Geriatrics Society
1993- 1995-	American Federation for Aging Research Scientific Advisory Council
1993- 1996-2000	Texas Geriatrics Society Board of Directors

## BIBLIOGRAPHY:

### A. ARTICLES IN PEER-REVIEWED JOURNALS

1. Brot N, Goodwin J and Fales H. In vivo and in vitro formation of 2, 3-dihydroxybenzoylerine by Escherichia coli K12. **Biochem Biophys Res Comm**, 1966; 25:454-61.
2. Brot N and Goodwin J. Regulation of 2, 3-dihydroxybenzoylserine synthetase by iron. **J Biol**

**Chem**, 1968; 243:510-13.

3. Goodwin JS, Katz RI and Kopin IJ. Effect of bromide on evoked release of monoamines from brain slices and intact atria. **Nature**, 1969; 221:556-57.
4. Katz RI, Goodwin JS and Kopin IJ. Disposition of neuro-transmitters in experimental mouse glioma. **Life Sci**, 1969; 8(1):561-69.
5. Goodwin JS, Bankhurst AD and Messner RP. Suppression of human T-cell mitogenesis by prostaglandin: Existence of a prostaglandin-producing suppressor cell. **J Exp Med**, 1977; 146: 1719-34.
6. Goodwin JS, Messner RP, Bankhurst AD, Peake GT, Saiki JH and Williams RC, Jr. Prostaglandin-producing suppressor cells in Hodgkin's disease. **New England J Med**, 1977; 297:963-68.
7. Goodwin JS, Messner RP and Peake GT. Prostaglandin suppression of mitogen-stimulated lymphocytes in vitro: Changes with mitogen dose and preincubation. **J Clin Invest**, 1978; 62: 753-60.
8. Goodwin JS, Selinger DS, Messner RP and Reed WP. Effect of indomethacin in vivo on humoral and cellular immunity in humans. **Infect Immun**, 1978; 19:430-33.
9. Goodwin JS and Messner RP. Prostaglandin E inhibition of mitogen stimulation in patients with multiple sclerosis. **Prostaglandins**, 1978; 15:281-86.
10. Jensen RT, Van Epps DE, Goodwin JS and Bowerman J. Incontinentia pigmenti: Evidence for both neutrophil and lymphocyte dysfunction. **Arch Dermatol**, 1978; 114:1182-86.
11. Goodwin JS, Bankhurst AD, Murphy SA, Selinger DS, Messner RP and Williams RC, Jr. Partial reversal of the cellular immune defect in common variable immunodeficiency with indomethacin. **J Clin Lab Immunol**, 1978; 1:197-99.
12. Van Epps DE, Goodwin JS and Murphy S. Age-dependent variations in polymorphonuclear leukocyte chemiluminescence. **Infect Immun**, 1978; 22:57-61.
13. Goodwin JS, DeHoratius R, Isreal H, Peake GT and Messner RP. Suppressor cell function in sarcoidosis. **Ann Int Med**, 1979; 90:169-73.
14. Goodwin JS, Wiik A, Lewis M, Bankhurst AD and Williams RC, Jr. High affinity binding sites for prostaglandin E on human lymphocytes. **Cell Immunol**, 1979; 43:150-59.
15. Goodwin JM, Goodwin JS and Kellner R. Psychiatric symptoms in disliked medical patients. **JAMA**, 1979; 241:1117-20.
16. Echols RM, Selinger DS, Hollowell C, Goodwin JS, Duncan MH and Cushing AH. Rhizopus osteomyelitis: A case report and review. **Am J Med**, 1979; 66:141-45.
17. Goodwin JS, Messner RP and Williams RC, Jr. Inhibitors of T cell mitogenesis: Effect of mitogen dose. **Cell Immunol**, 1979; 45:303-8.

18. Goodwin JS and Messner RP. Sensitivity of lymphocytes to prostaglandin E2 increases in subjects over age 70. **J Clin Invest**, 1979; 64(2):434-39.
19. Goodwin JS and Goodwin JM. Cerebritis in lupus erythematosus. **Annals Intern Med**, 1979; 90:437-38.
20. Goodwin JS, Goodwin JM and Vogel AV. Knowledge and Use of Placebos by House Officers and Nurses. **Annals Intern Med**, 1979; 91:106-10.
21. Goldberg EH, Goodwin JS, Arritt SE and Williams RC, Jr. Prolongation of male skin graft survival by female mice treated with cimetidine. **Transplantation**, 1979; 28:432-33.
22. Goodwin JS. Increased sensitivity to prostaglandin E2 in old people. **Prostaglandin Med**, 1979; 3:395-400.
23. Goodwin JS, Kaszbowski PA and Williams RC, Jr. Cyclic adenosine monophosphate response to prostaglandin E2 on subpopulations of human lymphocytes. **J Exp Med**, 1979; 150:1260-64.
24. Goodwin JS. Modulation of concanavalin-A-induced suppressor cell activation by prostaglandin E2. **Cell Immunol**, 1980; 49:421-25.
25. Kaszubowski PA, Goodwin JS and Williams RC, Jr. Ia Antigen on the surface of a subfraction of T cells that bear Fc receptors for IgG. **J Immunol**, 1980; 124:1075-78.
26. Staszak C, Goodwin JS, Troup GM, Pathak DR and Williams RC, Jr. Decreased sensitivity to prostaglandin and histamine in lymphocytes from normal HLA-B12 individuals: A possible role in autoimmunity. **J Immunol**, 1980; 125:181-85.
27. Bankhurst AD, Kauffman GR, Goodwin JS, Saiki JH, Saiers JH and Williams RC, Jr. Suppressor Leukocytes in anergic patients with solid tumors. **J Clin Lab Immunol**, 1980; 3:159-63.
28. Wolinsky SI, Goodwin JS, Messner RP and Williams RC, Jr. Role of prostaglandin in the depressed cell-mediated immune response in rheumatoid arthritis. **Clin Immunol Immunopathol**, 1980; 17:31-37.
29. Goodwin JS. Prostaglandin regulation of mitogenesis. **Cell Immunol**, 1980; 52:239-40.
30. Staszak C and Goodwin JS. Is prostaglandin a mediator for the inhibitory action of histamine, hydrocortisone, and isoproterenol? **Cell Immunol**, 1980; 54:351-61.
31. Froelich CJ, Searles RP, Davis LE and Goodwin JS. A case of Guillain-Barre Syndrome with immunologic abnormalities. **Annals Intern Med**; 1980; 93:563-65.
32. Goodwin JS. Remission in systemic lupus erythematosus after combination chemotherapy for Hodgkin's disease. **JAMA**, 1980; 244:1962.
33. Bankhurst AD, Hastain E, Goodwin JS and Peake GT. The nature of the prostaglandin-producing mononuclear cell in human peripheral blood. **J Lab Clin Med**, 1981; 97:179-86.

34. Goodwin JS, Bromberg S and Messner RP. Studies on the cyclic AMP response to prostaglandin in human lymphocytes. **Cell Immunol**, 1981; 60:298-307.
35. Goodwin JS and Goodwin JM. Failure to recognize efficacious treatments: A history of salicylate therapy in rheumatoid arthritis. **Perspect Biol Med**, 1981; 25:78-92.
36. Lafferty WE, Kempf RA, and Goodwin JS. Suppression of lymphocyte proliferation by human tumor cells grown in short term cultures. **J Clin Lab Immunol**, 1981; 6:157-63.
37. Goodwin JS. OKT3, OKT4 and all that. **JAMA**, 1981; 246:947-48.
38. Goodwin JS, Bromberg S, Staszak C, Kaszubowski PA, Messner RP and Neale JF. Effect of physical stress on sensitivity of lymphocytes to inhibition by prostaglandin E2. **J Immunol**, 1981; 127:518-22.
39. Ceuppens JL, Goodwin JS and Searles RP. The presence of Ia antigen on human peripheral blood T cells and T-cell subsets: Analysis with monoclonal antibodies and the fluorescence-activated cell sorter. **Cell Immunol**, 1981; 64:277-92.
40. Lafferty WP, Selinger DS, Schiffman G and Goodwin JS. Response to pneumococcal vaccine in the elderly: No enhancement by indomethacin. **J Immunopharmacol**, 1981; 3:241-51.
41. Comstock LM, Hooper EM, Goodwin JM and Goodwin JS. Physician behaviors that correlate with patient satisfaction. **J Med Educ**, 1982; 57:105-12.
42. Hooper EM, Comstock LM, Goodwin JM and Goodwin JS. Patient characteristics that influence physician behavior. **Med Care**, 1982; 20:630-38.
43. Okudaira K, Searles RP, Ceuppens JL, Goodwin JS and Williams RC, Jr. Anti-Ia reactivity in sera from patients with systemic lupus erythematosus. **J Clin Invest**, 1982; 69:17-24.
44. Ceuppens JL, Gualde N and Goodwin JS. Phenotypic heterogeneity of the OKM1-positive lymphocyte population: Reactivity of the OKM1 monoclonal antibody with a subset of the suppressor/cytotoxic T-cell population. **Cell Immunol**, 1982; 69:150-65.
45. Goodwin JS and Regan M. Cognitive dysfunction associated with naproxen and ibuprofen in the elderly. **Arthritis Rheum**, 1982; 25:1013-15.
46. Garry PJ, Goodwin JS, Hunt WC, Hooper EM and Leonard AG. Nutritional status in a healthy elderly population: Dietary and supplemental intakes. **Am J Clin Nutr**, 1982; 36:319-31.
47. Ceuppens JL, Rodriguez MA and Goodwin JS. Non-steroidal anti-inflammatory agents inhibit the synthesis of IgM rheumatoid factor in vitro. **Lancet**, 1982; 1:528-30.
48. Goodwin JS, Searles RP and Tung KSK. Immunological responses of a healthy elderly population. **Clin Exp Immunol**, 1982; 48(2):403-10.
49. Kaszubowski PA and Goodwin JS. Monocyte-produced prostaglandin induces Fc receptor

- expression on human T cells. **Cell Immunol**, 1982; 68:343-48.
50. Ceuppens JL and Goodwin JS. Endogenous prostaglandin E2 enhances polyclonal Immunoglobulin production by tonically inhibiting T suppressor cell activity. **Cell Immunol**, 1982; 70:41-54.
  51. Rodriquez MA, Ceuppens JL and Goodwin JS. Regulation of IgM rheumatoid factor production in lymphocyte cultures from young and old subjects. **J Immunol**, 1982; 128:2422-28.
  52. Ceuppens JL and Goodwin JS. Regulation of immunoglobulin production in pokeweed mitogen-stimulated cultures of lymphocytes from young and old adults. **J Immunol**, 1982; 128:2429-34.
  53. Garry PJ, Goodwin JS, Hunt WC and Gilbert BA. Nutritional status in a healthy elderly population: Vitamin C. **Am J Clin Nutr**, 1982; 36:332-39.
  54. Okudaira K, Searles RP, Goodwin JS and Williams RC, Jr. Antibodies in the sera of patients with systemic lupus erythematosus that block the binding of monoclonal anti-Ia to Ia-positive targets also inhibit the autologous mixed lymphocyte response. **J Immunol**, 1982; 129:582-86.
  55. Goodwin JS. Changes in lymphocyte sensitivity to prostaglandin E, histamine, hydrocortisone, and x-irradiation with age: Studies in a healthy elderly population. **Clin Immunol Immunopathol**, 1982; 25:243-51.
  56. Okudaira K, Goodwin JS and Williams RC, Jr. Anti-Ia antibody in the sera of normal subjects after in vivo antigenic stimulation. **J Exp Med**, 1982; 156:255-67.
  57. Garry PJ, Goodwin JS and Hunt WC. Nutritional status in a healthy elderly population: Riboflavin. **Am J Clin Nutr**, 1982; 36:902-909.
  58. Omdahl JL, Garry PJ, Hunsacker LA, Hunt WC and Goodwin JS. Nutritional status in the healthy elderly population: Vitamin D. **Am J Clin Nutr**, 1982; 36:1225-33.
  59. Gualde N and Goodwin JS. Effects of prostaglandin E2 and preincubation on lectin-stimulated proliferation on human T cell subsets. **Cell Immunol**, 1982; 70:373-79.
  60. Hooper PL, Garry PJ, Goodwin JS, Hooper EM and Leonard AG. High-density lipoprotein-cholesterol and diet in a healthy elderly population. **J Am Coll Nutr**, 1982; 1:337-43.
  61. Thomas PD, Hunt WC, Garry PJ, Hood RB, Goodwin JM and Goodwin JS. Hearing acuity in a healthy elderly population: Effects on emotional, cognitive, and social status. **J Gerontol**, 1983; 38:321-25.
  62. Goodwin JS and Garry PJ. Non-relationship between megadose vitamin supplementation and immunological function in a healthy elderly population. **Clin Exp Immunol**, 1983; 51:647-53.
  63. Goodwin JS, Goodwin JM and Garry PJ. Association between nutritional status and cognitive functioning in a healthy elderly population. **JAMA**, 1983; 249(29):2917-21.
  64. Searles RP, Okudaira K, Savage SM and Goodwin JS. Ia Specific antilymphocyte antibodies in rheumatoid arthritis. **Arthritis Rheum**, 1983; 26:486-93.

65. Garry PJ, Goodwin JS and Hunt WC. Iron status and anemia in the elderly: New findings and a review of previous studies. **J Am Geriatr Soc**, 1983; 31:389-99.
66. Hunt WC, Leonard AG, Garry PJ and Goodwin JS. Components of variance in dietary data for an elderly population. **Nutr Res**, 1983; 3:433-44.
67. Goodwin JS. Old people in hospitals. **J Chron Dis**, 1983; 36:661-62.
68. Goodwin JS, Ceuppens JL and Rodriguez MA. Administration of non-steroidal anti-inflammatory agents in patients with rheumatoid arthritis: Effects on indices of cellular immune status and serum rheumatoid factor levels. **JAMA**, 1983; 250:2485-88.
69. Haaland KY, Linn RT, Hunt WC and Goodwin JS. A normative study of Russell's variant of the Wechsler Memory Scale in a healthy elderly population. **J Consult Clin Psychol**, 1983; 51:878-81.
70. Hooper PL, Hooper EM, Hunt WC, Garry PJ and Goodwin JS. Vitamins, lipids and lipoproteins in a healthy elderly population. **Int J Vit Nutr Res**, 1983; 53:412-19.
71. Goodwin JS and Goodwin JM. The tomato effect: Rejection of highly efficacious therapies. **JAMA**, 1984; 251:2387-90.
72. Sanchez CJ, Hooper E, Garry PJ, Goodwin JM and Goodwin JS. The relationship between dietary intake of choline, serum choline levels and cognitive function in healthy elderly persons. **J Am Geriatr Soc**, 1984; 32:208-12.
73. Goodwin JS, Gualde N, Aldigier J, Rigaud M and Vanderhoek JY. Modulation of Fc receptors on T cells and monocytes by 15 hydroperoxyeicosatetraenoic acid. **Prostaglandins Leukotrienes Med**, 1984; 13:109-12.
74. Gualde N and Goodwin JS. Effect of irradiation on human T-cell proliferation: Low dose irradiation stimulates mitogen-induced proliferation and function of the suppressor/cytotoxic T cell subset. **Cell Immunol**, 1984; 84:439-45.
75. Garry PJ, Goodwin JS and Hunt WC. Folate and vitamin B12 status in a healthy elderly population. **J Am Geriatr Soc**, 1984; 32:719-26.
76. Atluru D and Goodwin JS. Control of polyclonal immunoglobulin production from human lymphocytes by leukotrienes; LTB4 induces an OKT8 (+) radiosensitive suppressor cell from resting, human OKT8 (-) T cells. **J Clin Invest**, 1984; 74:1444-50.
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## **B. INVITED REVIEWS, EDITORIALS, AND BOOK CHAPTERS**

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