

Curriculum Vitae

SUNDARESWARAN SURESH MADHAVAN

PERSONAL DATA

Present Position: **Professor and Chairperson**
Department of Pharmaceutical Systems and Policy
West Virginia University School of Pharmacy

Professor
Department of Community Medicine
West Virginia University School of Medicine

Date of Birth: April 4, 1959

Family: Wife: Susan Mary (Ed.D.)
 Sons: Neel Richard Madhavan (Born - 6/21/92)
 Krish Radha John Madhavan (Born - 3/3/97)

Home Address: 136 Bakers Drive
Morgantown, WV 26505
Telephone: (304) 598-2980

Business Address: Department of Pharmaceutical Systems and Policy
School of Pharmacy, West Virginia University
Robert C. Byrd Health Sciences Center (North)
P.O Box 9510
Morgantown, WV 26506-9510
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ACADEMIC TRAINING & QUALIFICATIONS

2002 June Professional Development Workshop. *Measurement, Design, Analysis Methods for Health Outcomes Research*, Harvard School of Public Health, Boston, Massachusetts.

1997 July to Dec Professional Development Leave. Completed the following courses at Johns Hopkins University School of Public Health and Hygiene, Baltimore, Maryland: (i) *Principles of Epidemiology*, and (ii) *Epidemiologic Methods for Planning & Health Services Research*.
Completed the following course at University of Arizona School of Medicine, Tucson, Arizona: (i) *International Health*

- 1988 **Doctor of Philosophy (Ph.D.)** in Pharmacy Administration, School of Pharmacy, Purdue University, West Lafayette, Indiana. Dissertation title: "Appropriateness of Drug-Specific Rx-to-OTC Switches: Factors Influencing Pharmacists' Opinions." Major Area: Health Care and Pharmaceutical Marketing Major Professor: Stephen W. Schondelmeyer, PharmD, PhD, MPA
- 1982 **Master of Business Administration (M.B.A.)**, Symbiosis Institute of Management, University of Poona, India,
- 1980 **Bachelor of Pharmacy (B.Pharm.)**, Prin. K.M.K. College of Pharmacy, University of Bombay, India.
- 1975 **Secondary School Certificate (S.S.C.)**, Higher Secondary School Education Board, Poona, India.

PROFESSIONAL EXPERIENCE

- 2001 – Present
(July) **Professor**, Dept. of Pharmaceutical Systems and Policy, School of Pharmacy, Robert C. Byrd Health Sciences Center, West Virginia University, Morgantown, West Virginia 26506
- Professor** of Community Medicine
School of Medicine, Robert C. Byrd Health Sciences Center, West Virginia University, Morgantown, West Virginia 26506.
- 1994-Present
(Jan) **Chairperson**, Dept. of Pharmaceutical Systems and Policy (formerly Behavioral and Administrative Pharmacy (BAP)), School of Pharmacy, Robert C. Byrd Health Sciences Center, West Virginia University, Morgantown, West Virginia 26506.
- 1995-2001
(July) **Associate Professor** of Community Medicine
School of Medicine, Robert C. Byrd Health Sciences Center, West Virginia University, Morgantown, West Virginia 26506.
- 1993-2001
(July) **Associate Professor**, Dept. of Pharmaceutical Systems and Policy (formerly BAP), School of Pharmacy, Robert C. Byrd Health Sciences Center, West Virginia University, Morgantown, West Virginia 26506.
- 1990
(Sep)-
1993
(Dec) **Interim Chairperson**, Behavioral and Administrative Pharmacy, School of Pharmacy, Robert C. Byrd Health Sciences Center, West Virginia University, Morgantown, West Virginia 26506.

1988 **Assistant Professor**, Behavioral and Administrative Pharmacy
(Feb)- School of Pharmacy, Robert C. Byrd Health Sciences
1993 Center, West Virginia University, Morgantown, West Virginia
(June) 26506.

CURRENT PROFESSIONAL MEMBERSHIPS

International Society for Pharmacoeconomics and Outcomes Research
American Public Health Association
American Pharmacists Association
American Association of Colleges of Pharmacy
West Virginia Pharmacists Association

HONORARY SOCIETIES

1997 Initiated into Phi Lambda Sigma, Pharmacy Leadership Society,
West Virginia University School of Pharmacy, Morgantown,
West Virginia.

1984 Initiated into Alpha Zeta Chapter of Rho Chi Pharmacy Honor
Society, Purdue University School of Pharmacy and Pharmacal
Sciences, W. Lafayette, Indiana.

AWARDS & ACHIEVEMENTS

2007-08 **Chair of Economic, Social, and Administrative Sciences (ESAS)
Section, American Pharmacists Association.**

2006-07 **Chair-elect of Economic, Social, and Administrative Sciences (ESAS)
Section, American Pharmacists Association.**

2006 **American Association Colleges of Pharmacy Leadership Fellow**

2005 **Awarded the Best Poster by a New Investigator - Kalsekar I,
Madhavan SS, Amonkar A, Douglas S, Makela E, Scott V. Depression
in Patients with Type 2 Diabetes: Impact on Utilization Patterns and
Adherence to Oral Hypoglycemic Agents. Value In Health. 2005; 8(3):
359-360. (Tenth Annual Meeting of the International Society for Pharmacoeconomics
and Outcomes Research, Washington, DC, May 15-18, 2005.)**

2005 **Recognized as High Impact Study - Borker RD, Madhavan SS, Higa G.
Assessment Of Breast Cancer Knowledge, Screening Behavior, Risk
Perceptions, And Willingness To Consume Chemopreventive Agent In
Women In The West Virginia Medicaid Program (WVMP). Value In
Health. 2005; 8(3): 348-349. (Tenth Annual Meeting of the International Society
for Pharmacoeconomics and Outcomes Research, Washington, DC, May 15-18, 2005.)**

- 2005 **Fellow of the American Pharmacists Association-Academy of Pharmaceutical Research and Science**
- 2004 **Council of State Governments Innovations Award** – Accessible, Intelligent, Medications, Strategies (AIMS) - An Academic Detailing Program for Enhancing Pharmaceutical Use in West Virginia (PI – **SS Madhavan**). Eight awards presented out of 237 applications nationally.
- 2003 **Best Student Podium Paper Award - Madhavan SS**, Wise R, Susman T, Shimer P, Joseph F, Sundaram M, Kamat S, D’Souza AO. “Physician Attitude Toward Academic Detailing and Other Cost-containment Strategies in a State Health Insurance Program.” Presented at the Eighth Annual ISPOR International Conference, Crystal City, VA, May 18-21, 2003.
- 2003 **Best Student Poster Paper Award - D’Souza AO, Madhavan SS**. “Diabetes Related Drug Utilization and Expenditures in Medicare Beneficiaries with and without Supplemental Prescription Insurance.” Presented at the Eighth Annual ISPOR International Conference, Crystal City, VA, May 18-21, 2003.
- 2002 **Best Student Paper Award - Borker R, Madhavan SS**, Simon K, Higa G, Amonkar MM, Scott V. Long-term Benefits of Chemopreventive Tamoxifen and Routine Mammography Screening in Women Who are at Increased Risk of Breast Cancer.” Presented at the Seventh Annual ISPOR International Conference, Crystal City, VA, May 19-22, 2002.
- 2001 *Leadership West Virginia - Class of 2001*
- 1996 Advisor (1992-95) to Rho Chi Alpha Mu Chapter which won the Sustained Contributions Award in March 1996.
- 1995 Nominated for Rho Chi National Faculty Advisor Award
- 1989 Leonard Gotlieb Pharmacy Research Award
- 1986-88 David Ross Fellow, Purdue University.
- 1980 All-India First Rank, Symbiosis Institute of Management Selection Exams.
- 1980 Second Rank in Prin. K.M.K. College of Pharmacy, Bachelor of Pharmacy Examinations, University of Bombay.

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RESEARCH ACTIVITIES**(a) Research Grants and Contracts Funded (* Indicates Active or Pending)**

1. *Title of research proposal: Building the West Virginia CoHORTS Center
Agency submitted to: Agency for Healthcare Research and Quality
Principal investigator: **Madhavan SS** (15%)
Co-investigator(s): Smith M (5%), and numerous others (various % efforts)
Type of submission: 1st submission
Amount: Year 1 – Total: \$246,993 (Direct costs \$193,816, F&A \$53,177)
Starting/ending dates: June 1, 2006 to May 31, 2007
Year 2 – Total: \$247,310 (Direct costs \$185,735, F&A \$61,575)
Starting/ending dates: June 1, 2007 to May 31, 2009
Funding status: Funded for two years
2. *Title of project: West Virginia Medicaid Rational Drug Therapy Program
Agency: West Virginia Bureau of Medical Services (#95-537) (DHHS4537)
Principal investigator: **Madhavan SS**
Co-investigator(s): S. Small
Type of submission: Renewal
Year 13: Amount requested: \$906,761 for 2007-08 (includes 10% F&A costs)
Starting/ending dates: July 1, 2007 to June 30, 2008
Year 14: Amount requested: \$957,234 for 2008-09 (includes 10% F&A costs)
Starting/ending dates: July 1, 2008 to June 30, 2009
Funding status: Funded
3. *Title of proposal: Rational Drug Therapy Program Services to PEIA
Agency: Public Employees Insurance Agency
Principal investigator: S. Small
Co-investigator(s): **Madhavan SS**
Type of submission: Renewal
Year 3: Amount requested: \$430,955 for 2007-08 (includes 10% F&A costs)
Starting/ending dates: July 1, 2007 to June 30, 2008
Year 4: Amount requested: \$355,229 for 2008-09 (includes 10% F&A costs)
Starting/ending dates: July 1, 2008 to June 30, 2009
Funding status: Funded
4. *Title of research proposal: Unisys Pharmacy Provider Call Center
Agency: Unisys Corporation
Principal investigator: **Madhavan SS** (3%)
Co-investigator: Small SS
Type of submission: Renewal
Year 4: Amount funded: \$430,955 (includes 26% F&A)
Starting/ending dates: April 1, 2007 March 31, 2008
Year 5: Amount funded: \$282,000 (includes 26% F&A)
Starting/ending dates: April 1, 2008 to March 31, 2009

- Funding status: Funded
5. *Title of proposal: Bonnie's Bus and the Reduction of Breast cancer in West Virginia
Agency: Susan G. Komen For the Cure
Principal investigator: S. Remick
Co-investigator(s): **Madhavan SS**, (PI for Aim 3 of this proposal)
Type of submission: New
Amount requested: Funding to the MBRCC \$300,000 for 2008-011
Starting/ending dates: April 21, 2008 to April 20, 2011
Funding status: Funded
 6. *Title of proposal: Behavioral and Biomedical Sciences Training Program
Agency: National Institute of General medical Sciences Pre-doctoral Awards (T-32)
Principal investigator: J. O'Donnell (Director)
My Role: Co-Director and Preceptor: **Madhavan SS** (5%), Berrebi A., Larkin K.
Type of submission: New
Amount requested: Funding to the HSC (First year \$177,944; Total for five years: \$1,601,496)
Starting/ending dates: August, 2008 to July, 2013
Funding status: Funded
 7. *Title of research proposal: Patient Preferences for Benefits and Risks Associated with Disease Modifying Drug Treatments in Multiple Sclerosis
Agency submitted to: BiogenIdec Inc.
Principal investigator: **Madhavan SS** (5%), A. Bhanegaonkar (100%)
Type of submission: First (Dissertation grant)
Amount requested: \$121,771 (direct costs \$83,120; F&A 46.5% - \$38,651)
Starting/ending dates: January 1, 2009 to December 31, 2009
Funding status: Pending
 8. Title of research proposal: Impact of Co-morbid Insomnia on Health-Related Quality of life and Patient Preferences in the Primary Care Setting.
Agency submitted to: Sepracor, Inc.
Principal investigator: **Madhavan SS** (5%), Roy A (100%)
Type of submission: First (Dissertation grant)
Amount requested: \$73,413 (direct costs \$58,265; F&A 26% - \$15,149)
Starting/ending dates: October 1, 2006 to December 31, 2007
Funding status: Funded
 9. Title of proposal: West Virginia Medicaid Rational Drug Therapy Program
Agency: West Virginia Bureau of Medical Services (#95-537) (DHHS4537)
Principal investigator: **Madhavan SS** (6%)
Co-investigator(s): S. Small (100%), V. Scott
Type of submission: Renewal
Amount requested: \$1,046,665.50 for 2005-06 (includes 10% F&A costs)
Starting/ending dates: July 1, 2005 to June 30, 2006

- Funding status: Funded (Eleventh year)
10. Title of research proposal: Evaluating Medication Utilization Patterns and healthcare Outcomes in Patients Receiving Antipsychotics
Agency: Astra-Zeneca, Inc.
Principal investigator: Hassan M. (100%), **Madhavan SS** (5%)
Type of submission: First (Dissertation support grant)
Amount funded: \$53,338
Starting/ending dates: November 22, 2004 to November 21, 2005
Funding status: Funded
 11. Title of project: AIMS – An Academic Detailing Program for Enhancing Pharmaceutical Use in West Virginia
Agency: West Virginia Public Employees Insurance Agency
Principal investigator: **Madhavan SS** (20%)
Co-investigators: B. Moorehead (100%), D. Bowyer (100%), Steve Small (5%), Karen Bochna (53%), J. Kavookjian (5%), M. Smith (5%), T. Dunsworth (8%), K. Lucas (5%), C. Terpening (5%), B. Hodges (6%), T. Whetsel (5%).
Type of submission: Contract renewal and expansion of program
Amount funded: \$572,886.10
Starting/ending dates: July 1, 2004 to June 30, 2005
Funding status: Funded
 12. Title of project: West Virginia Medicaid Rational Drug Therapy Program
Agency: West Virginia Bureau of Medical Services (#95-537)
(DHHS4537)
Principal investigator: **Madhavan SS** (6%)
Co-investigator(s): S. Small (100%), V. Scott
Type of submission: Contract continuation
Amount funded: \$1,360,743 per year for 2004-05
Starting/ending dates: July 1, 2004 to June 30, 2005
Funding status: Funded
 13. Title of project: Unisys Pharmacy Provider Call Center
Agency: Unisys Corporation
Principal investigator: **Madhavan SS** (3%) and S. Small (5%)
Type of submission: First
Amount funded: \$630,492 for 2004-05
Starting/ending dates: July 1, 2004 to June 30, 2005
Funding status: Funded
 14. Title of research proposal: A Retrospective Analysis of the Impact of Oral Diabetes Medications and Insulin on Cardiovascular Outcomes Using West Virginia Medicaid Claims Data.
Agency: Takeda Pharmaceuticals of North America
Principal Investigator: Jan Kavookjian (10%)

- Co-Investigator: **Madhavan SS** (2.5%)
Type of submission: 1st
Amount requested: \$33,349
Starting/Ending dates: Feb 2004 to August 2004
Funding status: Funded
15. Title of research proposal: Impact of Medication Non-adherence on Economic and Health Related Quality of Life in Patients with Chronic Pulmonary Disease
Agency: Pfizer, Inc.
Principal investigator: **Madhavan SS**
Co-investigators: Ashish Joshi, MS
Type of submission: First (Dissertation Support Grant)
Amount requested: \$20,011.50
Starting/ending dates: One year from funding date
Funding status: Funded
16. Title of research proposal: AIMS – An Academic Detailing Pilot Program for Enhancing Pharmaceutical Use in West Virginia
Agency: West Virginia Public Employees Insurance Agency
Principal investigator: **Madhavan SS** (15%)
Co-investigators: A. Nailler (100%), D. Bowyer (100%), Steve Small (5%), Karen Bochna (5%), J. Kavookjian (5%), M. Smith (5%), T. Dunsworth (8%), K. Lucas (5%), C. Terpening (5%), B. Hodges (6%), T. Whetsel (5%).
Type of submission: First
Amount funded: \$428,099/ per year
Starting/ending dates: June 1, 2002 to May 31, 2004
17. Title of proposal: West Virginia Medicaid Rational Drug Therapy Program
Agency: West Virginia Bureau of Medical Services (#95-537) (DHHS4537)
Principal investigator: **Madhavan SS** (6%)
Co-investigator(s): S. Small (100%), V. Scott
Type of submission: Contract continuation
Amount funded: \$1,310,671 per year for 2002-04 (Actual funding may be higher or lower depending on call volume)
Starting/ending dates: July 1, 2002 to June 30, 2004
18. Title of research proposal: Evaluating Utilization of Beta-blockers as Secondary Prevention for Post Myocardial Infarction in a Medicaid Population
Agency: West Virginia University Dissertation Grant Program
Principal Investigator: Ancilla Fernandes
Co-Investigator: **Madhavan SS**
Type of submission: First
Amount funded: \$800
Starting/Ending dates: July 1, 2002 to June 30, 2003
19. *Title of research proposal: Economics of Primary and Secondary Prevention Strategies

- for Breast Cancer in a Medicaid Population
Agency: West Virginia University Dissertation Grant Program
Principal Investigator: Rohit Borker
Co-Investigator: **Madhavan SS**
Type of submission: First
Amount funded: \$800
Starting/Ending dates: July 1, 2002 to June 30, 2003
20. Title of research proposal: Risk assessment of QTc lengthening drugs in patients with schizophrenia.
Agency: Eli Lilly and Co. Inc. (unrestricted educational grant)
Co-Principal Investigators: Kalsekar I, (20%) and Amonkar MM (10%)
Co-Investigator: **Madhavan SS**
Type of submission: First
Amount funded: \$5,000
Starting/Ending dates: 9/30/2001 – 3/31/2002
21. Title of research proposal: Surveys of Pharmacists' Involvement in Immunizations
Agency: American Pharmaceutical Association
Principal investigator: **Madhavan SS** (5%)
Co-Investigator: Rosenbluth SA (1%)
Type of submission: First
Amount funded: \$33,854
Starting/ending dates: September 1, 2001 to March 31, 2002.
22. Title of research proposal: The Economic Burden of Barrett's Esophagus and Esophageal Cancer in the West Virginia Medicaid Population.
Agency: Searle & Co., Inc.
Principal investigator: Amonkar MM (20%)
Co-Investigator: **Madhavan SS** (10%)
Type of submission: First
Starting/ending dates: March 2000 to September 2000.
Amount Funded: \$45,866
23. Title of research proposal: Assessing the Prevalence of Tobacco Use and Need for Smoking Cessation Coverage in the WV Medicaid Population.
Agency: WV Bureau of Medical Services
Principal investigator: Amonkar MM (8%)
Co-Investigators: **Madhavan SS** (5%), Rosenbluth SA (1%)
Type of submission: First
Starting/ending dates: May 2000 to July 2000.
Amount Funded: Total Costs - \$40,000 (approx.) (Agency will perform \$31,000 of activities in house and pay WVU \$9,130 for investigator services)
24. Title of research proposal: Puppets as a Persuasion Tool for Promoting Childhood Immunizations. (Student project)
Agency: Merck Vaccine Division

- Principal investigator: Vellila A
Co-Investigator: **Madhavan SS**
Type of submission: First
Starting/ending dates: October 1999 to September 2000.
Amount Funded: \$1,500 (Project Support Only)
25. Title of research proposal: Economic Evaluation of Three Preventive Drug Therapies for Osteoporotic Fractures Among WV Medicaid Women at Different Risk Levels
Agency: Pfizer Inc. (Dissertation Project)
Principal investigators: X. Gao (Graduate student - 100%), **Madhavan SS** (Co-PI)
Type of submission: First
Starting/ending dates: October 1, 2000 to February 28, 2001
Amount Funded: \$10,000 (Project Support Only- Unrestricted Educational Grant)
26. Title: Economics of Primary and Secondary Prevention of Breast Cancer in WV Medicaid Population (dissertation project)
Agency: WV Prevention Center
Principal investigator: Borker R (Graduate student - 100%), **Madhavan SS** (Co-PI, 10%)
Type of submission: First
Starting/ending dates: Sept. 1, 2000 to February 28, 2002
Amount Funded: \$15,000 (Project Support Only)
27. Title: Targeted Analysis of Outcomes/ Effectiveness of Workers' Healthcare Services and Interventions
Agency: West Virginia Workmen's Compensation Program
Principal Investigator: Syed Islam (50%)
Co-investigators: Ducatman A (5%), Magnetti S (10%), Simoyi P (10%), Hobbs G (25%), **Madhavan SS** (10%)
Type of Submission: First
Starting/Ending dates: July 1, 1999 to December 31, 2000.
Amount Funded: \$177,640
28. Title: Expanding Pharmacists' Role to Increase Adult Immunizations
Agency: Centers for Disease Control and Prevention
Principal Investigators: Maine L (10%)(APhA) and **Madhavan SS** (10%), Co-P.
Investigator: S.A. Rosenbluth (8%)
Co-investigators: Nau D (5.5%), Rothholz M (10%) (APhA)
Type of Submission: First (Announcement 550A)
Starting/Ending dates: September 30, 1997 to September 29, 1998.
Amount Funded: \$92,896 for year one (WVU share \$72,896)
Funded as supplement to Childhood Immunization Grant (Announcement 550)
29. Title: Expanding Pharmacists' Role to Increase Adult Immunizations
Agency: Merck Vaccine Foundation
Principal Investigator: Rosenbluth SA
Co. Investigator: **Madhavan SS**
Type of Submission: Unrestricted educational grant request

- Starting/Ending dates: July 1, 1999 to September 30, 2000
Amount Funded: \$4,000
30. Title: West Virginia Medicaid Program Monitoring and Reporting
Agency: West Virginia Department of Health and Human Services, Bureau of Medical Services
Principal Investigators: **Madhavan SS** and Ambegaonkar A
Type of Submission: First
Starting/Ending dates: July 1, 1997 June 30, 1998.
Amount Funded: \$15,000 (Graduate Assistant Support only)
31. Title: West Virginia Medicaid Program Monitoring and Reporting
Agency: West Virginia Department of Health and Human Services, Bureau of Medical Services
Principal Investigators: **Madhavan SS** and Ambegaonkar A
Type of Submission: First
Starting/Ending dates: January 1, 1996 to June 30, 1997.
Amount Funded: \$22,500 (Graduate Assistant Support only)
32. Title: Assessing the Role of Managed Care in Preventive Care in Appalachia
Agency: WV Prevention Center (Centers for Disease Control)
Principal Investigators: **Madhavan SS** (5%) and M. Amonkar - 100%)
Type of Submission: First
Starting/Ending dates: August 16, 1996 to August 15, 1997.
Amount Funded: \$15,312 (Project Support Only)
33. Title: Evaluation of West Virginia Medicaid's Prior Authorization Program for Antiulcer Medications
Agency: West Virginia Bureau of Medical Services
Principal Investigators: **Madhavan SS** (5%) and Ambegaonkar A (Graduate student – 100%)
Type of Submission: First
Starting/Ending dates: July 1, 1996 to June 30, 1997.
Amount Funded: \$9,955 (Project Support Only)
34. Title: Role of Patient in Enhancing Medical Care Outcomes of Diabetes
Agency: West Virginia Prevention Center (Centers for Disease Control)
Principal Investigator: Odedina FT
Co-investigators: Venkatraman K, Rosenbluth SA, **Madhavan SS**, Ponte C, Cohen S, Kimberlin C.
Type of Submission: First
Starting/Ending dates: July 1, 1996 to June 30, 1997
Amount Funded: \$13,855 (Project Support Only)
35. Title: Developing Pharmacists' Role in Increasing Childhood Immunizations
Agency: Centers for Disease Control and Prevention

- Principal Investigators: Maine L (10%)(APhA) and **Madhavan SS** (13%)
Co-investigators: Rosenbluth SA (8%), Scott G (5.5%), Rothholz M (10%)
(APhA), Ridgway C (5%)
Type of Submission: First (Announcement 550)
Amount Requested: \$612,500 (WVU's portion – 78 %)
Starting/Ending dates: October 1, 1995 to September 30, 2000
Amount Funded: \$612,500 - \$125,000 for years 1 to 4, and \$112,500 for year 5.
36. Title: Rational Drug Therapy Program
Agency: West Virginia Department of Health and Human Services, Bureau of
Medical Services
Principal Investigator: **Madhavan S** (5%)
Co-investigators: Small S (100%), V. Scott, D. Elliott, C.Ridgway
Type of Submission: First
Starting/Ending dates: July 1, 1995 to June 30, 1998
Amount Funded: \$1,077,000
37. Title: Rational Drug Therapy Program
Agency: West Virginia Department of Health and Human Services, Bureau of
Medical Services
Principal Investigator: **S. Madhavan** (5%)
Co-investigators: S. Small (100%), V. Scott, D. Elliott, C.Ridgway
Type of Submission: First
Starting/Ending dates: July 1, 1998 to June 30, 2002
Amount Approved: \$850,000/year for three years – Actual funding based on actual call
numbers.
38. Title: West Virginia Medicaid Pharmaceuticals Cost Containment Project
Agency: West Virginia Office of Medical Services
Co-Principal Investigators: For WVU School of Pharmacy **Madhavan S** (20%),
Scott V (20%), Ridgway C (10%), Elliott D (5%).
Type of Submission: First
Starting/Ending dates: December 15, 1994 to June 30, 1995.
Amount Funded: \$36,075
39. Title: Application of Persuasive Appeals in Increasing Childhood
Immunizations
Agency: WV Prevention Center (Centers for Disease Control)
Principal Investigator: **Madhavan S.**
Co-investigator: Gore P.
Type of Submission: First
Starting/Ending dates: January 1, 1995 to August 31, 1995
Amount Funded: \$6,617 (Project Support Only)
40. Title: West Virginia Health Promotions Research Centers

- Agency: Centers for Disease Control and Prevention
Principal Investigator: Simon KJ, Center for Health Promotion and
Disease Prevention Research
Co-investigators: **Madhavan S** (5%) and several others.
Type of Submission: Second, third, and fourth year renewal of four year grant.
Starting/Ending dates: September 30, 1995 to September 29, 1998
Amount Funded: \$1,000,000 per year in WVU School of Medicine
41. Title: Asthma Management in Rural West Virginia
Agency: West Virginia Prevention Center
Principal Investigator: Odedina FT
Co-investigators: **Madhavan S**, Leader G, Simoyi P.
Type of Submission: First
Starting/Ending dates: October 1994- September 1995
Amount Funded at \$6,950 (Project Support Only)
42. Title: Asthma Management in Rural West Virginia
Agency: Schering Corporation
Principal Investigator: Odedina FT
Co-investigators: **Madhavan S**, Leader G, Simoyi P.
Type of Submission: First
Starting/Ending dates: October 1994 to September 1995
Amount Funded: \$5,000. (Project and Travel Support Only)
43. Title: Increasing Childhood Immunizations in Rural Counties.
Agency: WVU Health Sciences Center Strategic Initiatives.
Principal Investigator: **Madhavan S**.
Co-investigators: Castiglia M, Ridgway C, Smego R
Starting/Ending dates: July 1 1993 to August 31, 1995.
Amount Funded: \$15,487 (Project Support Only)
44. Title: Assessment of Practice Standards: Informed Consent for Antipsychotic
Drug Usage and Monitoring for Extrapramidal Side Effects.
Agency: West Virginia University Senate Research Grant Program.
Principal Investigator: Makela G.
Co-investigator: **Madhavan S**.
Starting/Ending Dates: July 1, 1993 to December 31, 1995.
Amount Funded: \$5435.45 (Project Support Only)
45. Title: Enhancing Pharmacists' Role in Consumer Self-Medication: A Strategy
for Accessible and Cost-Effective Pharmaceutical Care In Rural Communities.
Agency: 1991-92 West Virginia University Senate Research Grant Program.
Principal Investigators: **Madhavan S**.
Starting/Ending Dates: July 1992-June 1994.
Amount Funded: \$8,808 (Project Support Only)

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46. Title: Pharmacist Counseling of OTC Drug Purchasers: Assessing Consumer Utility and Value.
Agency: West Virginia University Travel Grant Program 1991-92, for travel to Washington, DC, to co-present paper at the Annual Meeting of American Association of Pharmaceutical Scientists.
Amount awarded: \$300
Starting/Ending Dates: November 1991
Received by: **Madhavan S.**
47. Title: Identifying and Developing Intrapreneurial Pharmacy Managers in Chain Drug Store Organizations.
Agency: 1989 NACDS Faculty Research Grant Program, National Association of Chain Drug Stores.
Principal Investigator: **Madhavan S.**
Starting/Ending dates: June 1990-May 1993.
Amount Funded: \$4927.10
48. Title: Adequacy of FDA's Prescription to Over-the-Counter Switch Evaluation Criteria: An Empirical Investigation.
Agency: American Association of Colleges of Pharmacy Grant Program for Young Investigators - 1989.
Principal Investigator: **Madhavan S.**
Starting/Ending Dates: November 1989-March 1992
Amount Funded: \$4927.10
49. Title: Cost-effectiveness of Converting from Intravenous Ranitidine to Oral and Nasogastric Therapy
Agency: Glaxo, Inc.
Principal Investigator: Gill G and Lively BT.
Co-Investigator: **Madhavan S.**, Stevenson J.
Starting/Ending Dates: February 1989 - May 1990.
Amount Funded: \$7,850 (Project Support Only)
50. Title: Perceptions and Attitudes of Undergraduate Pharmacy Students to Research and Research-related Activities.
Agency: Upjohn Co. Ltd.
Principal Investigator: **Madhavan S.**
Starting/Ending Dates: August 1989-December 1989.
Amount Funded: \$500 (Student Learning Project for Karen Winans)
51. Title: Determinants of Job Turnover Among Chain Pharmacy Managers.
Agency: 1989 Leonard Gotlieb Pharmacy Research Award Entry.
Principal Investigator: **Madhavan S.**
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- Starting/Ending Dates: Incorporated with the NACDS study.
Amount Funded: \$400
52. Title: Effect of Attitudes Toward Rx-to-OTC Switches on Pharmacists' Evaluation of Rx-to-OTC Switch Candidates.
Agency: Upjohn Co. Ltd.
Principal Investigator: **Madhavan S.**
Starting/Ending Dates: August 1988-December 1988.
Amount Funded: \$500 (Undergraduate Student Learning Project for Amy McConnell)
53. Title: Rx-to-OTC Switch: Industry Expectation and Impact Study.
Agency: NIH Biomedical Research Support Grant, School of Pharmacy and Pharmacal Sciences, Purdue University.
Principal Investigator: Schondelmeyer SW.
Co-Investigator: **Madhavan S.**
Starting/Ending Dates: May 1984-March 1985.
Amount Funded: \$2,000
54. Title: Appropriateness of Drug-Specific Rx-to-OTC Switches: Factors Influencing Pharmacists' Opinions.
Agency: Purdue Research Foundation XR Grant, Purdue University.
Principal Investigator: **Madhavan S**
Starting/Ending Dates: May 1985-February 1988.
Amount Funded: \$1,200

(b) **Graduate Fellowships Funding Support Received**

1. Title: Pfizer PhD Fellowship in Health Outcomes Research
Agency: Pfizer Inc.
Principal Initiator: **Madhavan SS**
Amount Funded: \$80,000
Type of Submission: Contribution to WVU Foundation
Starting date: August 15, 1999.
2. Title: Aventis (Hoechst-Marion-Roussel) PhD Fellowship in Health Outcomes Research
Agency: Aventis (Hoechst-Marion- Roussel) Inc.
Principal Initiator: **Madhavan SS**
Amount Funded: \$51,500
Type of Submission: Contribution to WVU Foundation
Starting date: August 15, 2000
3. Title: Schering-Plough Health PhD Fellowship in Health Outcomes Research
Agency: Schering-Plough Inc.
Principal Initiator: **Madhavan SS**
Amount Funded: \$20,000 per year

Type of Submission: Contribution to WVU Foundation
Starting date: October 1, 2000

4. Title: WVU-Takeda Pharmaceuticals PhD Fellowship in Health Outcomes Research
Agency: Takeda Pharmaceuticals of North America
Principal Initiator: **Madhavan SS and Kavookjian J**
Amount Requested: \$67,180
Type of Submission: Contribution to WVU Foundation
Starting date: August 2003
5. Title: Wigner Institute for Advanced Pharmacy Education and Research
Agency: Late Mr. Gates Wigner (Alum of WVU)
Principal Initiator: **Madhavan SS** and PSP faculty
Amount Requested: \$250,000
Type of Submission: Contribution to WVU Foundation
Starting Date: 2005-06
6. Title: WVU-Novo Nordisk PhD Fellowship in Health Outcomes Research
Agency: Novo Nordisk
Principal Initiator: **Madhavan SS**
Amount Requested: \$80,000
Type of Submission: Contribution to WVU Foundation
Starting date: January 2009

(c) **Published Works**

(1) **Reviewed Publications**

(i) Manuscripts Currently Under Review

Roy S, **Madhavan SS**. “An Explanatory Model for State Medicaid per capita Prescription Drug Expenditures.” Submitted to *Journal of Health and Social Policy*.

Roy S, **Madhavan SS**, Smith MJ, Douglas SM, Small SA. “Determinants of State Medicaid per capita Prescription Drug Expenditures: a Structure Equation Modeling Approach.” Submitted to *Research in Social and Administrative Pharmacy*.

Pawar V, Pawar G, Miller-Feher LA, Kalsekar I, Kavookjian J, Scott V, **Madhavan SS**. “Predictors of Health-Related Quality of Life in Multiple Sclerosis.” Submitted to *Disability and Rehabilitation*.

Sundaram, M, Smith M, **Madhavan SS**. “Health-related Quality of Life and Quality of Life in Type 2 Diabetes: Relationships in a Cross-sectional Study.” Submitted to *The Patient: Patient-centered Outcomes Research*.

(ii) Manuscripts Accepted or in Press

Roy S, **Madhavan SS**. “Cluster Analysis of State Medicaid Prescription Drug Benefit Programs based on per capita Drug Expenditure and its Determinants,” *Research in Social and Administrative Pharmacy* (in press).

Blake K, **Madhavan SS**, Scott V, Elswick B. “Medication Therapy management Services (MTMS) in West Virginia: Pharmacists’ perceptions of educational and Training Needs,” accepted for publication *Research in Social and Administrative Pharmacy*.

(iii) Manuscripts Published.

Roy S, **Madhavan SS**. “Making a Case for Societal Perspective in the Evaluation of Medicaid Formulary Interventions.” *Pharmacoeconomics*. 2008; 26(4):281-296.

Hassan M, **Madhavan SS**, Kalsekar ID, Makela EH, Rajagopalan K, Islam S, Kavookjian J, Miller LA. “Comparing Adherence to and Persistence with Antipsychotic Therapy Among Patients with Bipolar Disorder.” *Annals of Pharmacotherapy*. 2007 (November); 41 (11):1812-8. Epub 2007 Oct 9.

Sundaram M, Kavookjian J, Hicks-Patrick J, Miller LA, **Madhavan SS**, Scott V. “Quality of life, Health Status and Clinical Outcomes in Type 2 Diabetes Patients.” *Quality of Life Research*. 2007 Mar;16(2):165-77. Epub 2006 Oct 11. Erratum in: *Qual Life Res*. 2007 Jun;16(5):907.

Piasek P, Bernard D, **Madhavan SS**, Sorensen TD, Stoner SC, TenHoeve T. “Gifts and Corporate Influence in Doctor of Pharmacy Education: Current Practices and Recommendations.” *American Journal of Pharmaceutical Education*. 2007 Aug 15;71(4):68.

Kamal KM, **Madhavan SS**, Hornsby JA, Miller L, Kavookjian J and Scott V. “Use of Tumor Necrosis Factor Inhibitors in Rheumatoid Arthritis: A National Survey of Practicing United States Rheumatologists.” *Joint Bone Spine* 2006; 73 (6): 718-724.

(The article was also published in *Revue du Rhumatisme* 2006; 73 (12): 1387-1394 (French)).

Joshi, AV, **Madhavan SS**, Ambegaonkar A., Smith MJ, Scott V, Dedhia H. “Association of Medication Adherence with Workplace Productivity and Health-Related Quality of Life in Patients with Asthma.” *Journal of Asthma*. 2006 (Sep); 43(7):521-6.

Kamal KM, Miller LA, **Madhavan SS**, Scott V, Kavookjian J. “Alternative Decision Analysis Modeling in the Economic Evaluation of Tumor Necrosis Factor Inhibitors in Patients with Rheumatoid Arthritis.” *Seminars in Arthritis and Rheumatism*. 2006 (August); 36(1):50-60.

Kalsekar I, **Madhavan SS**, Amonkar M, Makela E, Scott V, Douglas S, Elswick B. “Depression in Patients with Type 2 Diabetes: Impact on Adherence to Oral Hypoglycemic Agents.” *Annals of Pharmacotherapy*. 2006 (April); 40(4):605-611.

Kalsekar I, **Madhavan SS**, Amonkar MM, Scott V, Douglas SM, Makela E. "The Effect of Depression on Health Care Utilization and Costs in Patients with Type 2 Diabetes." *Managed Care Interface*. 2006 (March); 19(3):39-46.

Kalsekar I, **Madhavan SS**, Amonkar MM, Douglas SM, Makela E, Elswick BL, Scott V. "Impact of Depression on Utilization Patterns of Oral Hypoglycemic Agents in Patients newly Diagnosed with Type 2 Diabetes Mellitus: A Retrospective Cohort Study." *Clinical Therapeutics*. 2006; 28(2): 306-318.

Fernandes AW, **Madhavan SS**, Amonkar MM, Bell D, Islam S, and Scot V. "Outcomes of Inappropriate Prescribing of Beta-blockers after an Acute Myocardial Infarction in a Medicaid Population." *Annals of Pharmacotherapy*. 2005; 39(9): 1416-22. Epub 2005 June 21.

Fernandes AW, **Madhavan SS**, Amonkar MM. "Evaluating the Effect of on Patient Outcomes of Appropriate and Inappropriate use of Beta-blockers as Secondary Prevention after Myocardial Infarction in a Medicaid Population." *Clinical Therapeutics*. 2005; 27(5)630-45.

Joshi A, D'Souza A, **Madhavan SS**. "Differences in Hospital Length of Stay, Charges, and Mortality in Congestive Heart Failure." *Congestive Heart Failure*. 2004; 10:76-84.

Madhavan SS, Borker RD, Fernandes AW, Amonkar MM, & Rosenbluth SA. "Assessing Predictors of Influenza and Pneumonia Vaccination in Rural Senior Adults." *Journal of Health and Social Policy*. 2003; 18(2): 71-93.

Kamal KM, **Madhavan SS**, Maine L. "Pharmacy And Immunization Services:Pharmacists' Participation in APhA's Immunization Certification Program And Its Impact on their Practice." *American Journal of Pharmaceutical Education*. 2003; 67(4):898-907.

Madhavan SS, Rosenbluth SS, Amonkar MM, Fernandes AW, Borker R. "Immunization Predictors in Rural Adults Under 65 years of Age." *Journal of Health Care for the Poor and Underserved*. 2003; Vol. 14(1):100-121.

Hassan M, Joshi AV, **Madhavan SS**, Amonkar MM. "Obesity and Health Related Quality of Life: A Cross-sectional Analysis of the U.S. Population." *International Journal of Obesity*. 2003;27:1227-32.

Kamal KM, **Madhavan SS**, Maine LL. "Pharmacy and Immunization Services: Pharmacists' Participation And Impact." *Journal of the American Pharmacists Association*. 2003;43(4):470-82.

Ndiaye S, **Madhavan SS**, Washington M, Shui I, Tucker J, Rosenbluth SA, Richards T. "The Use of Pharmacy Immunization Services in Rural Communities," *Public Health*. 2003;117:88-97.

Kamal KM, **Madhavan SS**, Amonkar MM. "Determinants of Adult Influenza and Pneumonia Immunization Rates." *Journal of the American Pharmacists Association*. 2003; 43(3): 403-411.

Momani, A., **Madhavan, SS**, Nau D. “The Impact of a Prior-authorization Program for NSAIDs on Health Related Quality of Life of Patients.” *Annals of Pharmacotherapy*. 2002; 36 (Nov): 1686-91.

Amonkar MM, **Madhavan SS**. “Compliance Rates and Predictors of Cancer Screening Recommendations Among Appalachian Women.” *Journal of Health Care for the Poor and Underserved*. 2002; 13(4): 443-460

Amonkar MM, V. Scott and **Madhavan SS**. “Can Distance Learning Fulfill Program Structure and Access Needs of Pharmacists for Post-B.S Professional Education?” *Journal of Pharmacy Teaching*. 2001; 8(4):29-48.

Fernandes A, Amonkar MM, **Madhavan SS**, and Nseyo UO. “Assessing Practice Preferences of Urologists in the Management of Benign Prostatic Hyperplasia in the Veterans Administration Program.” *Current Therapeutic Research*. 2001; 62(2):129-141.

Scott G, Amonkar MM and **Madhavan SS**. “Pharmacists’ Preferences for Continuing Education and Certificate Programs.” *Annals of Pharmacotherapy*. 2001; 35:289-299.

Madhavan SS, Rosenbluth S, Amonkar MM, Borker R and Richards T. “Pharmacists and Immunizations: A National Survey.” *Journal of the American Pharmaceutical Association*. 2001; 41(1):32-45.

Rosenbluth SA, **Madhavan SS**, Borker R, Maine LL. “Pharmacy Immunization Partnerships: A Rural Model.” *Journal of the American Pharmaceutical Association*., 2001:41(1);100-107.

Amonkar MM, **Madhavan SS**, Rosenbluth SA, Simon K. Evaluating Managed Care Strategies for Promoting Preventive Care. *Journal of Community Health*. 2000; 25(3):225-240.

Momani A, Odedina F, Rosenbluth S, **Madhavan S**. Drug Management Strategies: Consumers’ Perspective. *Journal of Managed Care Pharmacy*. 2000; 6(2):122-128

Amonkar MM, **Madhavan SS**, Rosenbluth S, Simon K. Barriers and Facilitators to Providing Common Preventive Screening Services in Managed Care Settings. *Journal of Community Health*. 1999; 24(3): 229-247.

Gore P, **Madhavan SS**, Curry D, McClung G, Castiglia M, Rosenbluth S, Smego R. Predictors of Childhood Immunization Completion in a Rural Population. *Social Science & Medicine*. 1999; 48:1011-1027.

Gore P, **Madhavan SS**, Curry D, McClung G, Castiglia M, Rosenbluth S, Smego R. Development of Persuasive Messages to Help Increase Mother's Compliance of their Child's Immunization Schedule. *Marketing Health Services* (formerly *Journal of Health Care Marketing*). 1998; 18(4):33-43.

Venkatraman KS, **Madhavan SS**. Barriers and Facilitators to Provision of Pharmaceutical Care in Rural Community Practice. *Journal of Social and Administrative Pharmacy*. 1997; 14(4):

208-219.

Madhavan SS, Amonkar MM, Elliott D, Burke K, Gore P. The Gift Relationship Between Pharmaceutical Companies and Physicians: An Exploratory Survey of Physicians. *Journal of Clinical Pharmacy and Therapeutics*. 1997; 22: 207-215.

Gore P, **Madhavan S**, McClung G, Riley DA. Consumer Involvement in Nonprescription Medicine Purchase Decisions. *Journal of Health Care Marketing*. 1994; 14(2):16-23.

Gore P, **Madhavan S**. Consumers' Preference and Willingness-to-Pay for Pharmacist Counseling for Nonprescription Medicines. *Journal of Clinical Pharmacy and Therapeutics*. 1994; 19:17-25.

Madhavan S. Adequacy of the FDA's Prescription to Over-the-Counter Switch Evaluation Criteria: An Empirical Investigation. *Drug Information Journal*. 1994; 28:579-592.

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Winans K, **Madhavan S**. Some Factors Influencing Undergraduate Pharmacy Students' Perceptions of and Attitudes Toward Research Related Activities. *American Journal of Pharmaceutical Education*. 1992; 56(1):29-35.

Madhavan S. Appropriateness of Rx-to-OTC Switches - Influences of Demographic and Practice Characteristics on Pharmacist Decision-Making. *Journal of Pharmacy Technology*. 1990; 6(6):239-242.

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Ponte C, Swinker M, **Madhavan S**. Estrogen Replacement Therapy - A Pilot Survey of Primary Care Physicians in West Virginia. *The Annals of Pharmacotherapy*. 1989; 23(12):977-79.

Madhavan S, Schondelmeyer SW. Pharmacists' Evaluations of the Nonprescription Availability of Metaproterenol, Cimetidine, Ibuprofen, and Nystatin. *American Journal of Hospital Pharmacy*. 1989 (Dec); 46:2486-92.

Schondelmeyer SW, **Madhavan S**. Taking it Over the Counter: Part II. Marketing Issues. *Pharmaceutical Executive*. 1987; 7(5):54-60.

Madhavan S, Schondelmeyer SW. Taking it Over the Counter: Part I. Marketing Strategies. *Pharmaceutical Executive*. 1987; 7(4):78-82.

(2) Non-reviewed Publications

(i) Book Chapters

Madhavan, SS. Understanding Your Foundation—People, Structure, and Bylaws, In “The Dean's Compass: Practical Advice for Achieving Excellence” Chase P.A., Hayes, B., Yanchik, V.A., American Association of Colleges of Pharmacy, Alexandria, 2008, pp 49-58.

Madhavan, SS. Tips on Planning and Organizing Your Work the First Year, In “The Dean's Compass: Practical Advice for Achieving Excellence” Chase P.A., Hayes, B., Yanchik, V.A., American Association of Colleges of Pharmacy, Alexandria, 2008, pp 59-68.

(ii) Manuscripts Published

Joseph FB, Bochna K, Bowyer D, **Madhavan SS**, Roueche GD. New Medication Strategies for Public Employees. *Spectrum: The Journal of State Government*. 2005; 78(2):41-43.

Madhavan SS and Joseph FB. West Virginia: Academic Detailing Lowers Costs. *State News*. 2004; 47(10):23.

Johnson JK, **Madhavan SS**. “A Bibliography of Pharmacy Administration Master’s Theses and Doctoral Dissertations Relating to Education, 1993-2000.” *Journal of Pharmacy Teaching*. 2003; Vol. 10(2):63-67

Johnson JK, **Madhavan SS**. A Bibliography of Pharmacy Administration Master’s Theses and Doctoral Dissertations, 1993-2000. *Journal of Pharmaceutical Marketing and Management*. 2003; Vol. 15(3):77-115

Madhavan SS. Direct-to-Consumer Advertising of Prescription Drugs – Editorial. Guest Editor of special issue on Direct to Consumer Advertising of Prescription Drugs. *Journal of Pharmaceutical Marketing and Management*. 2003; Vol. 15(3):3-5.

Spinner T and **Madhavan SS** and 10 others. “A Survey of Entrepreneurial Courses Offered at U.S. Colleges of Pharmacy.” Published at National Community Pharmacists Association website www.ncpanet.org/students/entrepreneurship.shtml and www.ncpanet.org/students/ent-wvu.shtml

Makela EH, Brister CC, Kahle K, **Madhavan S**. Impaired R.Ph. Committee Report (Summary of a survey of WV pharmacists to assess scope of, and attitudes toward chemical impairment problems among pharmacists). *Mountain State Pharmacist*. 1993; September, p 2.

Madhavan S. Are We Ready for Direct-to-Consumer Advertising of Rx Drugs? *Pharmacy Business*. 1993; 4(1)(Winter): 14,18-20, 28.

Howard WW, **Madhavan S**. Physician Attitudes Toward Detailing Prescription to Over-the-Counter Switches. *Product Management Today*. 1992; February, 6-13.

Madhavan S. Should Prescription Drugs be Advertised to Consumers? *American Druggist*. 1991; 203(5):82-85.

Madhavan S. Pharmacy Entrepreneur. *Inquiry - West Virginia University 1990 Annual Report*. 1990;46-48.

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Madhavan S. The On-going Dilemma of Direct to Consumer Advertising of Rx Drugs. *The West Virginia Pharmacist*, 1989; 13(1):8-10.

(3) Major Final Project Reports to Sponsors

Roy A, **Madhavan SS**. "Impact of Co-morbid Insomnia on Health-Related Quality of life and Patient Preferences in the Primary Care Setting." Final report submitted to Sepracor, Inc. December 2007.

Madhavan SS, Kamal K. "Surveys of Pharmacists' Involvement in Immunizations." Two-part final report submitted to the American Pharmaceutical Association. April 2002.

Madhavan SS, Maine LM, Rosenbluth SA. "Developing Pharmacists' Role in Increasing Childhood Immunizations & Expanding Pharmacists Role in Adult Immunizations." Final report submitted to the National Immunization Program, Centers for disease Control and Prevention. September, 2002.

Amonkar MM, **Madhavan SS**, Kalsekar I. "Assessing the Prevalence of Tobacco Use and Need for Smoking Cessation Coverage in the WV Medicaid Population." Report submitted to West Virginia Bureau of Medical Services. December 2001.

Amonkar MM, **Madhavan SS**. "The Economic Burden of Barretts's Esophagus and Esophageal Cancer in the West Virginia Medicaid Population." Report submitted to Pharmacia & Co., Inc. April, 2001

Ambegaonkar A, **Madhavan SS**. "Evaluation of West Virginia Medicaid's Prior Authorization

for Anti-ulcer Medications.” PhD dissertation of my student A. Ambegaonkar submitted to WV Bureau of Medical Services. January 1998.

Amonkar MM, **Madhavan SS**. "Matching Appalachians' Preventive Services Utilization and Managed Care Strategies for Preventive Care." PhD dissertation of my student MM Amonkar submitted to WV Prevention Center. December 1997.

Gore P, **Madhavan S**. "Childhood Immunizations in Rural West Virginia: Identification of Immunization Barriers and Development of Persuasion Strategies." PhD dissertation of my student P. Gore submitted to WVU Health Sciences Strategic Initiative Program and West Virginia Prevention Center. May 1996.

Madhavan S, Scott GR, Ridgway C, Elliott D. "West Virginia Medicaid Cost-containment Project Study," Phase I report submitted on February 16, 1995 and Phase II report submitted on June 30, 1995 to the West Virginia Bureau of Medical Services.

Venkatraman K, **Madhavan S**. "Assessing Pharmacists' Role in Primary Care: A Strategy for Enhancing Rural Health Care In West Virginia," Report submitted to West Virginia University Senate Grant Program. October 1994.

Madhavan S, Gore P. "Identifying and Developing Intrapreneurial Pharmacy Managers in Chain Drug Store Organizations," Report submitted to National Association of Chain Drug Stores. July 1994.

(4) **Book Reviews**

Gore P, **Madhavan S**. "Harry A. Smith, Stephen J. Coons. Marketing Pharmaceutical Services: Patron Loyalty, Satisfaction, and Preferences (Pharmaceutical Products Press, Binghamton, NY, 1992. Index + 353 pp." *Annals of Pharmacotherapy*. 1993; 27(Oct):1288-89.

Madhavan S. "Mickey C. Smith. Pharmaceutical Marketing: Strategy and Cases Pharmaceutical Products Press, Binghamton, NY, 1991. x + 424 pp." *Annals of Pharmacotherapy*. 1992; 26(Oct):1305-1306.

(d) **Reviewed Presentations and Abstracts**

(i) Abstracts Submitted

(ii) Abstracts Published/Presented

Blake K, **Madhavan SS**, Moffett ML, Scott V, Elswick BM. "Factor analysis of Pharmacists' Perceived Barriers to Provision of Medication Therapy Management Services (MTMS) in West Virginia." International Society for Pharmacoeconomics and Outcomes Research 13th Annual Meeting, Toronto, ON, Canada, May 2008. *Value in Health*. 2008;11(3): A46. Abstract PHP 57.

Khanna R, **Madhavan SS**. Trends in the Prevalence of Autism Spectrum Disorders and Related Health care Utilization and Costs in State Medicaid Program.” International Society for Pharmacoeconomics and Outcomes Research 13th Annual Meeting, Toronto, ON, Canada, May 2008. *Value in Health*. 2008;11(3): A46. Abstract PND3.

Roy AN, **Madhavan SS**, Selby JB, Bradlyn A, Makela EH. “Co-morbid Insomnia in Primary Care Patients Affects Health-related Quality of Life (HRQL) Independent of Other Factors.” International Society for Pharmacoeconomics and Outcomes Research 13th Annual Meeting, Toronto, ON, Canada, May 2008. *Value in Health*. 2008;11(3): A146. Abstract PND31.

Blake K, **Madhavan SS**, Scott V. “Medication Therapy Management Services in West Virginia: A Needs Assessment of Community Pharmacies and Pharmacists.” American Association of Colleges of Pharmacy Annual Meeting, July 16, 2007, Orlando Florida.

Roy S, **Madhavan SS**, Smith MJ, Douglas MJ, Small SA. “Determinants of State Medicaid Per Capita Prescription Drug Expenditures: A Structure Equation Modeling Approach” (Abstract). International Society for Pharmacoeconomics and Outcomes Research 12th Annual Meeting, Washington, DC, May 2007. *Value in Health*. 2007;10(3): A28. Abstract PHP 21.

Hassan M, **Madhavan SS**, Kalsekar I, Rajagopalan K, Islam I, Kavookjian J, Miller LA, Makela E. “Profiling Utilization Patterns of Antipsychotics Among Patients with Bipolar Disorder: A Claims Data Analysis” (Abstract). International Society for Pharmacoeconomics and Outcomes Research 12th Annual Meeting, Washington, DC, May 2007. *Value in Health*. 2007;10(3): A81. Abstract PMH33.

Hassan M, **Madhavan SS**, Kalsekar I, Rajagopalan K, Islam I, E. Makela, Kavookjian J, Miller LA. “Patterns of Antipsychotic Use Among Patients with Bipolar Disorder and Associated Healthcare Costs” (Abstract). Academy of Managed Care Pharmacy Annual Meeting, April 11-14, 2007, San Diego, California.

Hassan M, **Madhavan SS**, Rajagopalan K, Islam S, Kalsekar I, Makela E, Kavookjian J and Miller L. Adherence and persistence with antipsychotic therapy among Schizophrenia patients in a state Medicaid population (Abstract). Presentation at 18th Annual Meeting of the Academy of Managed Care Pharmacy (AMCP), April 5-8, 2006, Seattle, WA
Journal Of Managed Care Pharmacy. 2006; 12(2):174.

Joshi AV, **Madhavan SS**, Ambegaonkar A, Smith MJ, Scott V, Dedhia H. “Association of Medication Adherence with Workplace Productivity and Health-related Quality of Life in Patients with Asthma” (Abstract). International Society for Pharmacoeconomics and Outcomes Research Eleventh Annual International Meeting, May 20-24, 2006, Philadelphia, PA.
Value in Health. 2006;9(3): A103. Abstract PAS13.

Roy S, **Madhavan SS**. “Cluster Analysis of State Medicaid Programs (Abstract).” International Society for Pharmacoeconomics and Outcomes Research Eleventh Annual International Meeting, May 20-24, 2006, Philadelphia, PA.
Value in Health. 2006;9(3):A152

Mody RR, Miller LA, Higa G, Scott V, **Madhavan SS**, Abraham J. “Economic Evaluation of Antiemetic Regimens for Prevention of Chemotherapy-Induced Nausea and Vomiting” (Abstract). International Society for Pharmacoeconomics and Outcomes Research Eleventh Annual International Meeting, May 20-24, 2006, Philadelphia, PA. *Value in Health*. 2006 (May/June): 9(3): A106. Abstract PCN9.

Hassan M, **Madhavan SS**, Rajagopalan K, Kalsekar ID, Islam S, Makela EH, Kavookjian J, Miller LA. “Antipsychotic Therapy in Patients with Bipolar Disorder: Effects on Total and Mental Health Care Costs” (Abstract). International Society for Pharmacoeconomics and Outcomes Research Eleventh Annual International Meeting, May 20-24, 2006, Philadelphia, PA. *Value in Health*. 2006 (May/June): 9(3): A74. Abstract PMH32.

Hassan M, **Madhavan SS**, Rajagopalan K, Kalsekar ID, Islam S, Makela EH, Kavookjian J, Miller LA. “Comparing Adherence and Persistence with Antipsychotic Therapy among Patients with Bipolar Disorder” (Abstract). International Society for Pharmacoeconomics and Outcomes Research Eleventh Annual International Meeting, May 20-24, 2006, Philadelphia, PA. *Value in Health*. 2006 (May/June): 9(3): A75. Abstract PMH37.

Hassan M, **Madhavan SS**, Rajagopalan K, Islam I, Makela E, Kalsekar I, Kavookjian J, Miller LA. “Patterns of antipsychotic utilization among schizophrenia patients in a state Medicaid program/ Supported by AstraZeneca Pharmaceuticals” (Abstract). American Psychiatrist Association Annual Meeting, Toronto, Canada, May 2006. *Annual Meeting of the American Psychiatrist Association*. 2006; npg, Abstract NR793..

Hassan M, **Madhavan SS**, Rajagopalan K, Islam I, Makela E, Kalsekar I, Kavookjian J, Miller LA. “Impact of antipsychotic use on mental health-related hospitalizations among schizophrenia patients in a state Medicaid program/ Supported by AstraZeneca Pharmaceuticals” (Abstract). American Psychiatrist Association Annual Meeting, Toronto, Canada, May 2006. *Annual Meeting of the American Psychiatrist Association*. 2006; npg, Abstract NR794.

Roy S, Roy AN, **Madhavan SS**, Bochna K, Joseph K, Huffman K. Academic Detailing To Ambulatory Care Physicians – Results Of Two Surveys. *Journal of the American Pharmacists Association*. 2005; 45(2): 264.

Roy AN, Roy S, **Madhavan SS**, Bochna K, Joseph F, Huffman K, Hodges B, Dunsworth T, Lucas K, Terpening C, Kavookjian J, Ogershok O, Whetsel T. Implementation and Early Impact Assessment of an ‘Academic Detailing’ Program. *Journal of the American Pharmacists Association*. 2005; 45(2): 273.

Kalsekar I, **Madhavan SS**, Amonkar A, Douglas S, Makela E, Scott V. Depression in Patients with Type 2 Diabetes: Impact on Initiation of Insulin Therapy.” *American Journal of Pharmaceutical Education*. 2005; 69(3):445.

Kalsekar I, **Madhavan SS**, Amonkar A, Makela E, Scott V, Douglas S. Impact of Depression on Incidence of Type 2 Diabetes in a State Medicaid Population. *Value in Health*. 2005; 8(3): 352.

Kalsekar I, **Madhavan SS**, Amonkar A, Douglas S, Makela E, Scott V. Depression in Patients with Type 2 Diabetes: Impact on Utilization Patterns and Adherence to Oral Hypoglycemic Agents. *Value in Health*. 2005; 8(3): 359-360. **(Awarded the Best Poster by a New Investigator)**

Borker RD, **Madhavan SS**, Higa G. Assessment Of Breast Cancer Knowledge, Screening Behavior, Risk Perceptions, And Willingness To Consume Chemopreventive Agent In Women In The West Virginia Medicaid Program (WVMP). *Value in Health*. 2005; 8(3): 348-349. **(Recognized as High Impact Study)**

Borker RD, **Madhavan SS**, Scott V. Economics of Primary and Secondary Breast Cancer Preventive Strategies: A Decision Model. *Value in Health*. 2005; 8(3): 345.

Kamal KM, Miller LA, **Madhavan SS**, Kavookjian J. Alternative Decision Analysis Modeling in the Economic Evaluation Of Tumor Necrosis Factor Inhibitors In Patients With Rheumatoid Arthritis. *Value In Health*. 2005; 8(3): 342.

Roy S, **Madhavan SS**. Making A Case For Employing Societal Perspective In The Evaluation Of Medicaid Formularies. *Value in Health* 2005; 8(3): 286.

Kamal KM, **Madhavan SS**, Hornsby JAA. Survey of Current Treatment Practices of Rheumatologists in Prescribing Tumor Necrosis Factor Inhibitors in Patients with Rheumatoid Arthritis. *Value in Health*. 2005; 8(3): 341.

Hassan MK, Kavookjian J, **Madhavan SS**. Study Gaps in Economic Evaluations of Pharmacotherapy in Bipolar Disorder. *Value in Health*. 2005; 8(3): 389.

Joshi AV, **Madhavan SS**, Ambegaonkar AJ, Smith, M, Scott VG, Dedhia H. Economic Burden of Chronic Obstructive Pulmonary Disease (COPD) in a State Health Insurance Program. Ninth Annual International Society of Pharmaceutical Outcomes and Research Meeting Poster Session, Arlington, Virginia, May 17, 2004.

Joshi AV, **Madhavan SS**, Ambegaonkar AJ, Smith, M, Scott VG, Dedhia H. Health-Related Quality of Life in Patients with Chronic Respiratory Disease. Ninth Annual International Society of Pharmaceutical Outcomes and Research Meeting Poster Session, Arlington, Virginia, May 17, 2004.

Roy S, Roy A, **Madhavan SS**, Bochna K, Susman T, Joseph F, Hodges B, Dunswoth T, Lucas K, Terpening T, Kavookjian J, Ogershok O, Whetsel T. Assessment of the Impact of Academic Detailing in Promoting Generic Drug Prescribing. Ninth Annual International Society of Pharmaceutical Outcomes and Research Meeting Poster Session, Arlington, Virginia, May 17, 2004.

Roy AN, Roy S, **Madhavan SS**, Bochna K, Susman T., Joseph J. Assessment of Physician Satisfaction with Academic Detailing in Two Cities of West Virginia. Midwest Pharmacy Administration Meeting, Purdue University, July 29-31, 2004.

Kalsekar I, **Madhavan SS**. Depression in Patients with type 2 Diabetes: Impact on Utilization Patterns and Adherence to Oral Hypoglycemics. Midwest Pharmacy Administration Meeting, Purdue University, July 29-31, 2004.

Madhavan SS, Wise R, Susman T, Shimer P, Joseph F, Sundaram M, Kamat S, D'Souza AO. "Physician Attitude Toward Academic Detailing and Other Cost-containment Strategies in a State Health Insurance Program." Presented at the Eighth Annual ISPOR International Conference, Crystal City, VA, May 18-21, 2003. (*Best Student Podium Paper Award*)

D'Souza AO, **Madhavan SS**. "Diabetes Related Drug Utilization and Expenditures in Medicare Beneficiaries with and without Supplemental Prescription Insurance." Presented at the Eighth Annual ISPOR International Conference, Crystal City, VA, May 18-21, 2003. (*Best Student Poster Paper Award*)

Kamal K, **Madhavan SS**, Maine LM. "Pharmacists And Immunization Services: Impact Of American Pharmaceutical Association's (APhA) Immunization Training Certification Program." Presented at the ESAS Section, American Pharmaceutical Association 149th Annual Meeting, New Orleans, LA, March 28-April 1, 2003.

Joshi AV, D'souza A, **Madhavan SS**. "Differences in Hospital Length of Stay, Charges and Mortality in Congestive Heart Failure (CHF) Patients." Presented at the Seventh Annual ISPOR International Conference, Crystal City, VA, May 19-22, 2002.

Borker R, **Madhavan SS**, Simon K, Higa G, Amonkar MM, Scott V. Long-term Benefits of Chemopreventive Tamoxifen and Routine Mammography Screening in Women Who are at Increased Risk of Breast Cancer." Presented at the Seventh Annual ISPOR International Conference, Crystal City, VA, May 19-22, 2002. (*Best Student Paper Award*)

Amonkar MM, **Madhavan SS**, Kalsekar I, Rosenbluth S, and King P. "Assessing the Prevalence of Tobacco Use and Need for Smoking Cessation Programs in the West Virginia Medicaid Population." Proceedings of the 126th Annual Meeting of the American Public Health Association, Atlanta, Georgia, October 21-25, 2001.

Abate MA, Casdorff DL, Gannett P, **Madhavan SS**, Scharman E, Stamatakis M. "Development and Implementation of a Comprehensive Programmatic Assessment Plan." American Association of Colleges of Pharmacy Annual Meeting, Toronto, Canada, July 7-11, 2001.

Kamal K, **Madhavan SS**, Amonkar MM. "Predictors of Influenza Immunization Rates in Adults Aged 50-64 years and 65 years and Above." 35th National Immunization Conference, Atlanta, GA, May 29-June 1, 2001.

Gao X, **Madhavan SS**, Nau D, Ambegaonkar A, Islam S, Rosenbluth S and Amonkar MM. "Applying Background Risk Distribution to Evaluate the Cost-Effectiveness of Three Preventive Drug Therapies for Osteoporotic Fractures." Poster presentation, 6th Annual Meeting of the International Society for Pharmacoeconomics and Outcomes Research, Arlington, Virginia, May 20-23, 2001.

Hassan M, Joshi AV, **Madhavan SS** and Amonkar MM. “Impact of Obesity on Health-Related Quality of Life (HRQOL): An Analysis of Behavioral Risk Factor Surveillance System (BRFSS) Data.” Poster presentation, 6th Annual Meeting of the International Society for Pharmacoeconomics and Outcomes Research, Arlington, VA, May 20-23, 2001.

Gao X, **Madhavan SS**, Nau D, Islam S, Ambegaonkar A, Rosenbluth SA, Amonkar MM. “A Risk Assessment Model for Osteoporotic Fracture in Postmenopausal Women.” 3rd Annual Workshop for Pharmaceutical Outcomes Research, Savannah, GA, April 22-24, 2001.

Borker R, **Madhavan SS**, Rosenbluth SA, Amonkar MM. “Assessing West Virginia Pharmacists’ Role in Immunizations.” ESAS Section, 148th Annual Meeting of the American Pharmaceutical Association, San Francisco, CA, March 16-20, 2001.

Gao X, **Madhavan SS**. “Cost-Effectiveness Analysis of Three Preventive Drug Therapies for Osteoporotic Fractures Among Postmenopausal Women.” ESAS Section, 148th Annual Meeting of the American Pharmaceutical Association, San Francisco, CA, March 16-20, 2001.

Kamal K, **Madhavan SS**, Amonkar MM. “Determinants of Adult Influenza and Pneumonia Immunization Rates.” ESAS Section, 148th Annual Meeting of the American Pharmaceutical Association, San Francisco, CA, March 16-20, 2001.

Fernandes A, Amonkar MM, **Madhavan SS**. “Benign Prostatic Hyperplasia in the Veterans Administration Population: A National Survey of Urologists.” 148th Annual Meeting of the American Pharmaceutical Association, San Francisco, CA, March 16-20, 2001.

Fernandes AW, Amonkar MM, **Madhavan SS**, Nseyo UO. “Matching VA urologist’s preferences in the management of benign prostatic hyperplasia with clinical practice guidelines.” Proceedings of the West Virginia University School of Dentistry Seventh Annual Research Day, Morgantown, February 14, 2001.

Madhavan SS, Rosenbluth S, Amonkar MM, Borker R, Fernandes AW, Richards T. “Identifying barriers and predictors of immunizations in adults 18 to 64 years of age.” Proceedings of the West Virginia University School of Dentistry Seventh Annual Research Day, Morgantown, February 14, 2001.

Maine LL, Rothholz MC, **Madhavan SS**, Grabenstein J. “Translating a pharmacy-Based Partnership into Strategies to Increase Immunizations Across the Lifespan.” 34th National Immunization Conference, Washington, D.C., July 5-8, 2000.

Madhavan SS, Rosenbluth S, Amonkar MM, Borker R, Richards T. “Identifying Immunization Rates, Barriers, and Predictors of Immunization in Elderly (over 65 years of age).” 34th National Immunization Conference, Washington, D.C., July 5-8, 2000.

Madhavan SS, Rosenbluth S, Amonkar MM, Borker R, Richards T, Nau, D. “Identifying Barriers and Predictors of Immunizations in Adults 18 to 64 years of Age.” 34th National Immunization Conference, Washington, D.C., July 5-8, 2000.

Fernandes AW, Amonkar MM, **Madhavan SS.**, Nseyo UO. "Matching VA Urologist's Preferences in the Management of Benign Prostatic Hyperplasia with Clinical Practice Guidelines." 5th Annual Meeting of the International Society for Pharmacoeconomics and Outcomes Research, Crystal City, Virginia, May 21-24, 2000.

Borker R, **Madhavan SS**, Amonkar MM. "Economics of Primary and Secondary Prevention of Breast Cancer in WV Medicaid Population". ESAS Section, 147th Annual Meeting of the American Pharmaceutical Association, Washington, D.C., March 2000.

Amonkar, MM, **Madhavan SS.** "Appalachian Women's Utilization of Breast and Cervical Cancer Screening Services," American Public Health Association 127th Annual Meeting, Chicago, IL, November 9, 1999.

Madhavan SS, Rosenbluth S, Amonkar M, Borker R, Nau D, Scott G, and Richards T. "Pharmacists' Willingness to Provide Immunization Services: A National Survey," 33rd National Immunization Conference, Dallas, TX, June 20-25, 1999.

Ndiaye, Serigne S, **Madhavan SS**, Rosenbluth S, Kilgus D, Richards T. "Evaluation of Pharmacy Immunization Project (PIP): A Case Study in Rural West Virginia," 33rd National Immunization Conference, Dallas, TX, June 20-25, 1999.

Momani A, **Madhavan SS**, Small S. "Assessment of the Economic and Humanistic Outcomes of West Virginia's Medicaid's Prior Authorization Policy for NSAIDs," 4th Annual Meeting of International Society for Pharmacoeconomics and Outcomes Research, Crystal City, VA, May 24-25, 1999.

Momani A, **Madhavan SS**, Small S. "Assessment of the Economic Outcomes of a Prior Authorization Policy for NSAIDs," Wintergreen Research Conference, Wintergreen, VA, May 6-9, 1999.

Madhavan SS, Rosenbluth S, Amonkar MM, Borker R, Nau D, Scott G, Richards T. "Expanding Pharmacists' Role to Increase Childhood Immunizations." Proceedings of the WVU School of Medicine Research Day, Morgantown, March 19, 1999.

Amonkar MM, **Madhavan SS**, Rosenbluth S, Simon K. "Assessing Barriers to Utilization of Preventive Screening Services in Managed care Settings." Proceedings of the WVU School of Medicine Research Day, Morgantown, March 19, 1999.

Madhavan SS, Rosenbluth S, Amonkar MM, Borker R, Nau D, Scott G, Richards, T. "Enhancing Immunization roles of Rural Community Pharmacists by Building Partnerships." Proceedings of Conference on Rural Health Services Research, Morgantown, March 17, 1999.

Madhavan SS, Rosenbluth SA, Amonkar MM, Borker R, Nau D, Scott G, Richards T. "Pharmacists' Willingness to Provide Immunization Services: A West Virginia Survey." Proceedings of Conference on Rural Health Services Research, Morgantown, WV, March 17, 1999.

Momani A, **Madhavan SS**. "Evaluation of a Prior Authorization Program for Non-steroidal Anti-inflammatory Drugs: Economic and Humanistic Outcomes," 146th Annual Meeting of the American Pharmaceutical Association, San Antonio, TX, March 7-11, 1999.

Kamal-Bahl S, Rosenbluth SA, Nau DP, **Madhavan SS**. "Barriers to Tobacco Cessation in Managed Care Organizations." Addressing Tobacco in Managed Care Conference jointly sponsored by AAHP, AHCPR, and CDC, San Diego, January 1999.

Kamal-Bahl S, Rosenbluth SA, Nau DP, **Madhavan SS**. "Implementation of Tobacco Cessation Strategies by Managed Care Organizations." Proceedings of the 126th Annual Meeting of the American Public Health Association, Washington, D.C., November 15-18, 1998.

Amonkar MM, **Madhavan SS**, Rosenbluth S, and Simon K. "An Evaluation of Managed Care's Role in Preventive Care". Proceedings of the 126th Annual Meeting of the American Public Health Association, Washington, D.C., November 15-18, 1998.

Amonkar MM, **Madhavan SS**, Rosenbluth S, Simon K. "Assessing Barriers to Utilization of Preventive Screening Services in Managed Care Settings." Proceedings of the 126th Annual Meeting of the American Public Health Association, Washington, D.C., November 15-18, 1998.

Madhavan SS, Rosenbluth S, Thayer L, Odedina FT, Amonkar MM, Richards T, and Ambegaonkar A. "Does Immunization Provider Site Influence Completion Rates and Perceptions of Quality and Satisfaction with Immunization Services?" Proceedings of the 32nd National Immunization Conference, Atlanta, GA, July 21-24, 1998.

Scott G, Amonkar MM, **Madhavan SS**. "West Virginia Pharmacists' Needs Assessment for Continuing Education and Certificate Programs." Proceedings of the 1998 American Association of Colleges of Pharmacy Annual Meeting, Aspen, CO, July 18-22, 1998.

Madhavan SS, Amonkar M, Rosenbluth S, Spratto G, Taft R, Elliott D, Jozefczyk K, Leader D, Moherman L, Scharman E, Scott V, Watkins R. "Who are our Customers for Post BS. Professional Educational Programs?" AACP Annual Meeting, Indianapolis, IN, July 12-16, 1997.

Madhavan SS, Odedina F, Rosenbluth SA, Thayer L, Maine L, Rothholz M, Gore P. "Building Partnerships to Enhance Pharmacists' Role in Childhood Immunizations," National Immunization Conference, Detroit, MI, May 19-22, 1997.

Gore P, **Madhavan SS**, McClung G, Rosenbluth SA, Smego R, Curry D, Castiglia M. "Development and Validation of Persuasive Immunization Messages," National Immunization Conference, Detroit, MI, May 19-22, 1997.

Gore P, **Madhavan SS**, McClung G, Rosenbluth SA, Smego R, Curry D, Castiglia M. "Factors Influencing Childhood Immunization Completion in Rural West Virginia," National Immunization Conference, Detroit, MI, May 19-22, 1997.

Makela E, **Madhavan SS**. "Assessment of Practice Standards: Informed Consent for Antipsychotic Drug Usage and Monitoring for Extrapyrimal Symptoms," International Congress on Schizophrenia Research, Colorado Springs, CO, April 16, 1997.

Ambegaonkar A, **Madhavan SS**. "Economic Evaluation of West Virginia Medicaid's Prior Authorization Program for Antiulcer Medications," APhA-APRS, 144th Annual Meeting of the American Pharmaceutical Association, Los Angeles, CA, March 9-13, 1997.

Amonkar M, **Madhavan SS**, Rosenbluth SA, Odedina F. "Targeting Prevention and Disease Management Interventions by Rural Pharmacists: The Role of BRFSS," 144th Annual Meeting of the American Pharmaceutical Association, Los Angeles, CA, March 9-13, 1997

Makela EH, **Madhavan SS**, Pinto L. "Assessment of Practice Standards: Informed Consent for Antipsychotic Drug Usage and Monitoring for Extrapyrimal Symptoms," National Institute of Mental Health NCDEU Annual Meeting, May, 1996.

Venkatraman KS, **Madhavan S**. "Assessment of Barriers and Facilitators to Pharmaceutical Care in Community Practice," ES&AS Scientific Research section, 143rd Annual Meeting of the American Pharmaceutical Association, Nashville, TN, March 9-13, 1996.

Rosenbluth SA, **Madhavan S**. "Disease Prevention and Health Promotion Topics in U.S. and Canadian Pharmacy Curricula," American Association of Colleges of Pharmacy Annual Meeting, Philadelphia, PA, July 8-11, 1995.

Gore P, **Madhavan S**, Castiglia M. "Assessing Barriers to Childhood Immunizations in Rural West Virginia," ES&AS Scientific Research Section, 142nd Annual Meeting of the American Pharmaceutical Association, Orlando, FL, March 19-22, 1995.

Venkatraman K, **Madhavan S**. "Assessing Pharmacists' Role in Primary Care in Rural West Virginia," ES&AS Scientific Research Section, 142nd Annual Meeting of the American Pharmaceutical Association, Orlando, FL, March 19-22, 1995.

Madhavan S, Gore P. "Measuring Entrepreneurial Potential in Community Pharmacist-Managers," Economic, Marketing, and Management Section, American Association of Pharmaceutical Scientists Ninth Annual Meeting, San Diego, CA, November 6-10, 1994.

Madhavan S, Gore P. "Factors Affecting Demand and Provision of Pharmacy Services in the Community Setting," Economic, Marketing, and Management Section, American Association of Pharmaceutical Scientists Ninth Annual Meeting, San Diego, CA, November 6-10, 1994.

Ambegaonkar AJ, Chinburapa V, **Madhavan S**, Norton V. "Mother's Illness Behavior Intention: An Application of the Theory of Reasoned Action," Economic, Marketing, and Management Section, American Association of Pharmaceutical Scientists Ninth Annual Meeting, San Diego, CA, Nov 6-10, 1994.

Venkatraman KS, **Madhavan S.** "Rural Community Pharmacist: A Primary Health Care Provider," Economic, Marketing, and Management Section, American Association of Pharmaceutical Scientists Ninth Annual Meeting, San Diego, CA, Nov. 6-10, 1994.

Madhavan S, Elliott D, Burke K. "Evaluation of the "Gift-Relationship" Between the Pharmaceutical Industry and West Virginia Physicians," ES&AS Research section, 140th Annual Meeting of the American Pharmaceutical Association, Dallas, TX, March 14-18, 1993.

Whitehead J, **Madhavan S.** "Identifying and Developing Intrapreneurial Pharmacy Managers in Community Pharmacy Organizations," Fourteenth Annual Under-graduate Research Seminar sponsored by West Virginia University and Merck Co., Morgantown, WV, October 9, 1992.

Gore P, **Madhavan S.** "Measuring Consumer Involvement In Nonprescription Medicine Purchase Decisions," ES&AS Scientific Research Section, 139th Annual Meeting of the American Pharmaceutical Association, San Diego, CA, March 14-18, 1992.

Gore P, **Madhavan S.** "Credibility of the Sources of Information for Nonprescription Medicines: A Consumer Perception Study," ES&AS Scientific Research section, 139th Annual Meeting of the American Pharmaceutical Association, San Diego, CA, March 14-18, 1992.

Madhavan S. "Adequacy of the FDA's Prescription to Over-the-Counter Switch Evaluation Criteria: An Empirical Investigation," ES&AS Scientific Research Section, 139th Annual Meeting of the American Pharmaceutical Association, San Diego, CA, March 14-18, 1992.

Gore P, **Madhavan S.** "Pharmacist Counseling of OTC Drug Purchasers: Assessing Consumer Utility and Value," Economic, Marketing, and Management Section, American Association of Pharmaceutical Scientists Sixth Annual Meeting, Washington D.C., November 17-21, 1991

Winans K, **Madhavan S.** "Institutional Factors: Do they Influence Undergraduate Pharmacy Students' Research Attitudes and Intentions?" Pharmacy Administration Section, American Association of Colleges of Pharmacy 92nd Annual Meeting, Boston, MA, July 6-10, 1991.

Madhavan S. "Adequacy of the FDA's Prescription to Nonprescription Switch Evaluation Criteria: An Empirical Investigation," Pharmacy Administration Section, American Association of Colleges of Pharmacy 92nd Annual Meeting, Boston, MA, July 6-10, 1991.

Gore P, **Madhavan S.** "Factors Influencing Physicians' Rx-to-OTC Switch Judgments," Economics, Marketing, and Management Sciences Section, American Association of Pharmaceutical Scientists Fifth Annual Meeting, Las Vegas, Nevada, November 4-9, 1990.

Winans K, **Madhavan S.** "Perceptions of Pharmacy Research, Career Choice Satisfaction, and Post-B.S. Career Intentions of Pharmacy Students," Pharmacy Administration Section, American Association of Colleges of Pharmacy 91st Annual Meeting, Salt Lake City, UT, July 7-11, 1990.

Madhavan S. "Rx-to-OTC Switched Product Prescribing: A Multi-dimensional Analysis of Physicians' Perceptions," Pharmacy Administration Section, American Association of Colleges of Pharmacy 91st Annual Meeting, Salt Lake City, UT, July 7- 11, 1990.

Winans K, **Madhavan S.** "Factors Influencing Undergraduate Pharmacy Students Attitudes Toward Research," ES&AS Scientific Research Section, 137th Annual Meeting of the American Pharmaceutical Association, Washington, D.C., March 10- 14, 1990.

McConnell A, **Madhavan S.** "Physicians' Attitudes Toward Rx-to-OTC Switches," ES&AS Scientific Research Section, 137th Annual Meeting of the American Pharmaceutical Association, Washington, D.C., March 10-14, 1990.

Madhavan S. "Appropriateness of Rx-to-OTC switches: Factors Influencing Pharmacists' Opinions," Journal of Pharmaceutical Marketing & Management, 1990. 5(1):112-113.

McConnell A, **Madhavan S.** "Factors Influencing Physician Prescribing of Switched Products," Eleventh Annual Undergraduate Research Seminar sponsored by West Virginia University and Mylan Pharmaceuticals, Morgantown, WV, Nov 15, 1989.

Winans K, **Madhavan S.** "Inculcating Research Values In Undergraduate Pharmacy Students," Pharmacy Practice Section, American Association of Colleges of Pharmacy 90th Annual Meeting, Portland, Oregon, July 9-12, 1989.

Madhavan S. "Appropriateness of Rx-to-OTC Switches: Log-linear Analysis of Pharmacist Decision-making," Pharmacy Administration Section, American Association of Colleges of Pharmacy 90th Annual Meeting, Portland, Oregon, July 9- 12, 1989.

Ponte C, Swinker M, **Madhavan S.** "Estrogen Replacement Therapy - A Pilot Survey of Primary Care Physicians in West Virginia," Practical Therapeutics, 136th Annual Meeting of the American Pharmaceutical Association, Anaheim, California, April 8- 12, 1989.

Madhavan S, Schondelmeyer SW. "Effects of Attitudes Toward Rx-to-OTC Switches on Pharmacists' Evaluation of Switch Candidates," Pharmacy Administration Section, American Association of Colleges of Pharmacy 89th Annual Meeting, Chicago, July 30-August 3, 1988.

Madhavan S, Schondelmeyer SW. "Appropriateness of Drug-Specific Rx-to-OTC Switches: Factors Influencing Pharmacists' Opinions," Scientific Research Section, 135th Annual Meeting, American Pharmaceutical Association, Atlanta, March 12-16, 1988.

Schondelmeyer SW, Mason HL, **Madhavan S.** "Efficient and Effective Postmarketing Surveillance," Policy Section, 133rd Annual Meeting, American Pharmaceutical Association, San Francisco, March 16-20, 1986.

Madhavan S. "The Impact of Rx-to-OTC Switches on the U.S. Pharmaceutical Industry,"

Policy Section, 133rd Annual Meeting, American Pharmaceutical Association, San Francisco, March 16-20, 1986.

Madhavan S. "Rx-to-OTC Switch: The Marketing Implications," Pharmacy Administration Mid-West Conference, Purdue University, March 2-3, 1985.

(e) **Invited Presentations**

Madhavan SS. "Getting Started with Your Research: Tips for New Faculty." Graduate Students Roundtable, American Association of Colleges of Pharmacy Annual Meeting, Chicago, IL, July 20, 2008.

Madhavan SS. "Getting Started with Your Research: Tips for New Faculty." APhA-APRS ESAS Research Roundtable Breakfast, American Pharmacists Association Annual Meeting, Orlando, FL, April 2, 2005.

Madhavan SS. "Grant Writing Tips." Shenandoah University School of Pharmacy faculty Retreat, Cacapon State Park, Berkeley Springs, WV, May 26, 2005.

Madhavan SS. "Faculty Scholarship and Grant Writing Tips." WVU HSC Teaching Scholars Program, Morgantown, WV, June 10, 2005.

Madhavan SS. "Getting Your Research Agenda Underway - Individual and Graduate Program Perspectives," presentation to faculty and graduate student members of ISPOR chapter at Purdue University School of Pharmacy, West Lafayette, Indiana, November 23, 2004.

Madhavan SS and Bochna K. "AIMS: An Innovative Program for PEIA," WV Pharmaceutical Cost Management Council, Governor's, Press Conference Room, Capitol Building, Charleston, West Virginia, July 15, 2004.

Madhavan SS. "Seeking Funding from State Agencies," APhA-APRS ESAS Research Roundtable Breakfast, American Pharmacists Association Annual Meeting, Seattle, WA, March 27, 2004.

Meyer SM, Christensen DB, Hume AL, Lipowski EE, **Madhavan SS**, Tong T. "Colleges and Schools of Pharmacy: Your First Stop Policy Resource," Panel presentations to Congressional Staff on behalf of American Association of Colleges of Pharmacy. Sponsored by Senator Jack Reed, Senator Mike Enzi, and Senator Tim Johnson, Congressman Michael Bilirakis, and Congressman Sherrod Brown. June 9, 2003, Room S-115, United States Capitol, Washington, DC.

Madhavan SS and Bochna K. "AIMS: An Innovative Program for PEIA," WV Legislative Oversight Committee on Health and Human Resources Accountability." Lewisburg, WV, September 7, 2003.

Madhavan SS, Heady H. "Team Building, Motivation, Delegation," presented in the Robert C. Byrd Health Sciences Center Faculty Development Seminar Series on Leadership, RC Byrd Health Sciences Center, Morgantown, March 11, 2002.

Madhavan SS. “Factors Contributing to Rising Drug Costs in West Virginia and Their Impact on Seniors,” presented at State Health Education Council Annual Meeting, Canaan Valley Resort, April 23, 2001.

Madhavan SS. “Factors Contributing to Rising Drug Costs and Their Impact on Seniors,” presented at Ohio State University School of Pharmacy, Department of Pharmaceutical Administration Graduate Seminar, March 8, 2001.

Madhavan SS. “Factors Contributing to Rising Drug Costs in West Virginia and Their Impact on Seniors,” presented to WV Senate Committee for Health and Human Resources, Capitol Building, Charleston, WV, February 22, 2001.

Madhavan SS. “Factors Contributing to Drug Costs in West Virginia and Their Impact on Seniors,” presented to Governor-elect Bob Wise’s Transition Team for Health, Goodwin and Goodwin Law Office, Charleston, WV, December 19, 2000.

Madhavan SS. “Factors Contributing to Drug Costs,” presented to House Speaker Bob Kiss and Delegate Don Perdue, WV Capitol Building, Charleston, WV, December 4, 2000.

Madhavan SS. “Polypharmacy and Drug Costs,” Polypharmacy in the Elderly: Defining the Problems and Solutions, Conference held at RC Byrd Rural Research Center, Marshall University Medical Center, Huntington, WV, November 2-3, 2000.

Madhavan SS. “Health Insurance for All? Can We Do It? Will it Cure the System?” Panel Discussion of WVU Deans (substituting for Dean George Spratto), West Virginia Rural Health Conference, Morgantown, WV, October 25, 2000

Madhavan SS. National Immunization Issues Present and Future (Program Moderator), 34th National Immunization Conference, 34th National Immunization Conference, Washington, D.C., July 5-8, 2000.

Madhavan SS. “Trends in West Virginia Medicaid Pharmaceutical Program Costs,” West Virginia Medicaid Drug Utilization Review Board, Charleston, WV, May 17, 2000.

Madhavan SS, Rosenbluth SA. “Pharmacy Immunization Project: West Virginia Rural Pharmacy Partnership Model” at Public/ Private Partnerships to Improve Immunization Rates Across the Lifespan, hosted by the American Pharmaceutical Association, Washington Convention Center, March 12, 2000.

Rosenbluth SA, **Madhavan SS.** “Pharmacy Immunization Project: West Virginia Rural Pharmacy Partnership Model” Meeting of American Pharmaceutical Association Immunization Advisory Committee, APhA Headquarters, Washington, D.C., February 17-18, 2000

Madhavan SS, Rosenbluth SA. “(a) PIP Participants vs. Non-participants: A Comparison Analysis, and (b) Pharmacists and Immunizations: A National Survey,” Meeting of American

Pharmaceutical Association Immunization Advisory Committee, APhA Headquarters, Washington, D.C., February 17-18, 2000

Madhavan SS. "Trends in West Virginia Medicaid Pharmaceutical Program Costs," WV Legislative Oversight Committee on Health and Human Resources Accountability." Shepherdstown, WV, November 15, 1999.

Madhavan SS, Small, SS, O'Neal J. "ECHO Review: Proposal for West Virginia Medicaid Retrospective DUR Program," West Virginia Medicaid Pharmaceuticals Program Review Panel, Charleston, WV, October 28, 1999.

Madhavan SS, Rosenbluth S, Amonkar M, Borker R, Nau D, Scott G, Richards T. "Pharmacists' Willingness to Provide Immunization Services: A National Survey," 33rd National Immunization Conference, Dallas, TX, June 20-25, 1999.

Madhavan SS. "Pharmacy as Links in the Chain of Immunization Delivery and Advocacy" Moderator and Presenter, 91st Annual Convention of the West Virginia Pharmacist Association, September 11-13, 1998.

Rosenbluth SA, **Madhavan SS.** "PIP Partnership Tools - Immunization Advocacy Tools for the Pharmacist," 145th Annual Meeting of the American Pharmaceutical Association, Miami, FL, March 21, 1998.

Madhavan SS. Community Analysis and Diagnosis: Conducting a Needs Assessment to Keep your Program on Track. (Program Moderator), 31st National Immunization Conference, Westin Renaissance Hotel, Detroit, MI, May 19 and May 20, 1997.

Madhavan SS. "Health Beliefs of Asian Indians in the US," University of Arizona Health Sciences Center, presenter and panel member to MPH class, University of Arizona Health Sciences Center, Tucson, AZ 85704, November 17, 1997.

Madhavan SS, Rosenbluth SA. "Pharmacy Immunization Project-Developing Pharmacists' Role in Childhood Immunization," presented to Walter Orenstein, Director, National Immunization Program and to CDC Outreach and Programs Branch, Centers for Disease Control and Prevention Headquarters, Atlanta, GA, March 28, 1997.

Madhavan SS, Odedina FT, Rosenbluth SA, Thayer L. "Overview of Pharmacy immunization Project," presented at: (1) APhA's Strategic and Tactical Analysis Team Committee Meeting, Embassy Suites, Washington, DC, February 10, 1996;
(2) 'Immunization Shortcourse', APhA Annual Meeting in Nashville, TN, March 8, 1996;
(3) Second Annual West Virginia Prevention Center Dissemination Conference, WVU Erickson Alumni Center, Morgantown, WV 26505, November 14, 1996.
(4) Morgantown Rotary Club, Morgantown, WV 26505, January 28, 1999

Madhavan SS, Odedina FT, Rosenbluth SA, Thayer L. "Developing Pharmacists' Role in Childhood Immunization," presented at the First Annual West Virginia Immunization Program Conference, Charleston Marriott Hotel, Charleston, WV, November 22, 1996.

Madhavan S, Scott V, Ridgway C, Elliott D. "Final report of West Virginia Medicaid Program Cost-containment Project," West Virginia Drug Use Review Board, Bureau of Medical Services, 7012 MacCorkle Avenue, Charleston, WV 25304, August 23, 1995.

Madhavan S. "Immunizations and Access to Preventive Services," Moderator for the session, Multidisciplinary Approaches to Disease Prevention in Appalachia - A Research Symposium, Mountain Room, Mountainlair, West Virginia University, December 9, 1995.

Carroll N, Hurd P, **Madhavan S**, McKeigan L, Rascati K, Sorofman B, and Wiederholt J. "Quality of Graduate Education in Pharmacy Administration," AACP Section of Teachers of Pharmacy Administration Panel Member. Presented the AAPS Report on Excellence in Research to the Pharmacy Administration section. American Association of Colleges of Pharmacy 93rd Annual Meeting, Washington, DC, July 12-15, 1992.

Howard WW, **Madhavan S**. "Physician Attitudes Toward Detailing Rx-to-OTC Switches," International Business Communications' sponsored conference 'Rx-to-OTC Switch', Washington, DC, January 13-14, 1992.

Madhavan S. "Understanding Physicians' Attitudes and Perceptions: A Critical Success Factor in Rx-to-OTC Switching," SDM Inc., sponsored meeting 'Critical Success Factors for Rx-to-OTC Success', July 18, 1991, Newark, NJ.

Madhavan S. "Professional Support for Switched Products: Physicians and Pharmacists," Institute for International Research sponsored conference on 'Achieving Efficient and Profitable Rx-to-OTC Switches', December 5-6, 1990, New York, NY.

(f) **Ad Hoc Manuscript Reviewer** (Last five years)

Social Science & Medicine

The Annals of Pharmacotherapy

Journal of Pharmaceutical Marketing & Management

American Journal of Hospital Pharmacy

Journal of Research in Pharmaceutical Economics

Journal of Social and Administrative Pharmacy

American Pharmacy

Journal of American Pharmacists Association

Medscape

Journal of Pharmacy Teaching

American Journal of Pharmaceutical Education

Journal of Managed Care Pharmacy

Clinical Therapeutics

(g) **Editorial Advisory Board Member**

Journal of the American Pharmacists Association (2005-08)

Research in Social and Administrative Pharmacy (2004-)

Journal of Pharmacy Teaching (1989-2000)

Journal of Pharmaceutical Marketing and Management (Guest editor -Spring 2002)

TEACHING ACTIVITIES

(a) **Undergraduate or Professional Teaching:**

- * **PHAR 792 – Introduction to Pharmacy Research – 1 cr.** (331/3 % responsibility) (Fall 2007)
- * **PHAR 7910 – Pharmacy Practice Development - 2cr.** (25% responsibility) (Spring 2004, Spring 2002, Spring 2001)
- * **PHAR 700 – Pharmacy as a Profession - 2cr.** (50% responsibility) (Fall 2004, Fall 2003, Fall 2002, Fall 2001)
- * **PHAR 733 – Pharmacy Systems - 2cr.** (50% responsibility) (Fall 2008, Fall 2007, Fall 2006, Fall 2005, Fall 2004, Fall 2003, Fall 2002, Fall 2001, Fall 2000)
- * **PHAR 735 – Pharmaceutical Care Lab 5 - 1 cr.** (15% responsibility) (Fall 2007, Fall 2006, Fall 2005, Fall 2004, Fall 2003, Fall 2002, Fall 2001, Fall 2000)
- * **PHAR 728 – Pharmacy Management – 2cr.** (50% responsibility) (Spring 2008, Spring 2007, Spring 2006, Spring 2005, Spring 2004, Spring 2003, Spring 2002, Spring 2001, Spring 2000)
- * **PHAR 724 – Pharmaceutical Care Lab 4 – 1 cr.** (15% responsibility) (Spring 2008, Spring 2007, Spring 2006, Spring 2005, Spring 2004, Spring 2003, Spring 2002, Spring 2001, Spring 2000)
- * **PHAR 289 – Pharmacy Practice Development – 2 cr.** (Independent study) (Spring 1998)
- * **PHAR 289 – Pharmaceutical Investigations – 3 cr.** (Undergraduate research projects) (Spring 94, Spring 92, Spring 90, Fall 89)
- * **PHAR 229 – Managerial Aspects of Pharmacy Practice – 3 cr.**

(100% responsibility)
(Spring 98, Spring 97, Spring 96, Spring 95, Spring 94, Fall 93, Fall 92,
Fall 91, Fall 90, Fall 89, Fall 88)

- * **PHAR 230--Professional Aspects of Pharmacy Practice – 3 cr.**
(100% responsibility)
(Spring 93, Spring 92, Spring 91, Spring 89)

(b) **Graduate Teaching:** (All courses 100% responsibility unless stated otherwise)

- * **PHAR 796 – Graduate Seminar in Pharmaceutical Systems and Policy - 1cr. Research Issues in MMA2003 and MTMS** (Fall 2006)
- * **PHAR 796 – Graduate Seminar in Pharmaceutical Systems and Policy - 1cr. Debating Contemporary Issues in Pharmaceutical Policy** (Spring 2004)
- * **PHAR 796 – Graduate Seminar in Pharmaceutical Systems and Policy - 1cr. Outcomes Research in Chronic Diseases** (Fall 2001)
- * **PHAR 390H – Research Design 2 cr.** (Team taught course – 15% responsibility)) (Fall 1999)
- * **PHAR 391 – Advanced Topics in Pharmacoeconomics and Outcomes Research – 3 cr.** (Independent Study) (Summer 1999)
- * **PHAR 484--Special Seminar in Pharmaceutical Systems and Policy – The Pharmaceutical Industry – 1 cr.** (Spring 1999)
- * **PHAR 484--Special Seminar in Behavioral and Administrative Pharmacy - Current Issues in Health Care – 1 cr.** (Fall 1998)
- * **PHAR 491B--Marketing of Health Care and Pharmaceutical Services – 3 cr.** (Spring 1997, Fall 1999).
- * **PHAR 484--Special Seminar in Behavioral and Administrative Pharmacy - Comparing National Health Care Systems for Health Care Reform – 1 cr.** (Fall 1994).
- * **PHAR 484--Special Seminar in Behavioral and Administrative Pharmacy - Pharmacoepidemiology – 3 cr.** (Spring 1993).
- * **PHAR 484--Special Seminar in Behavioral and Administrative Pharmacy - Contemporary Issues In Pharmacy Practice – 1 cr.** (Spring 1991)
- * **PHAR 323--Economics of the Pharmaceutical Industry – 3 cr.** (Spring 90, Spring 99 (Independent study))

* **PHAR 484--Special Seminar in Behavioral and Administrative - Pharmacy Administration - Scope and Research – 1 cr.** (Spring 1990)

* **PHAR 484--Special Seminar in Advanced Pharmacy Administration - Research Methods in Pharmacy Administration – 2 cr.** (Spring 1989)

(c) **Past Graduate Students**

<u>Student Name</u>	<u>Degree/ Year Awarded</u>	<u>Role on Committee</u>	<u>Thesis/ Dissertation Title (when Chair)</u>
1. Anuja Roy (2005-07 Takeda Fellow)	Ph.D 2007	Chair	Impact of Co-morbid Insomnia on Health-Related Quality of Life and Patient Preferences in the Primary Care Setting.
2. Sanjoy Roy	M.S. 2006	Chair	A Comprehensive Analysis of the Determinants of State Medicaid Prescription Drug Expenditures
3. Mariam K. Hassan	Ph.D. 2005	Chair	Evaluating Medication Utilization Patterns and Healthcare Outcomes in Patients receiving Antipsychotics
4. Khalid M. Kamal	Ph.D. 2005	Chair	Assessing the Cost-effectiveness of Tumor Necrosis Factor Inhibitors and Prescribing Practices of Rheumatologists in Patients with Rheumatoid Arthritis
5. Ashish Joshi (2000-04 Pfizer Fellow)	Ph.D. 2004	Chair	Economic and Humanistic Impact of Medication Non-adherence in Patients with Asthma and COPD
6. Ifthikar Kalsekar	Ph.D. 2004	Chair	Epidemiological Burden of Depression and its Impact on Adherence to Oral Hypoglycemics and Related Economic Outcomes in Type II Diabetes Patients
7. Ancilla Fernandes	Ph.D. 2003	Chair	Evaluating Utilization of Beta-blockers as Secondary

8. Rohit Borker (2000-02 Schering-Plough Fellow)	Ph.D.	2002	Chair	Prevention for Post-Myocardial Infarction in a Medicaid Population Economic Evaluation of Primary and Secondary Prevention Strategies for Breast Cancer in a Medicaid Program
9. Xin (Cindy) Gao (1999-2001 Pfizer Fellow)	Ph.D.	2001	Chair	Economic Evaluation of Three Preventive Drug Therapies for Osteoporotic Fractures Among Women at Different Risk Levels
10. Aiman Momani	Ph.D.	1999	Chair	Assessment of the Economic and Humanistic Outcomes of West Virginia Medicaid's Prior Authorization Policy for NSAIDs
11. Ambarish Ambegaonkar	Ph.D.	1997	Chair	Evaluation of West Virginia Medicaid's Prior Authorization Policy for Anti-Ulcer Medications: Economic and Recipient Outcomes
12. Mayur Amonkar	Ph.D.	1997	Chair	Matching Appalachians' Preventive Services Utilization and Managed Care Strategies for Preventive Care
13. Krithika Venkatraman	M.S.	1995	Chair	Assessing Pharmacists' Role in Primary Care: A Strategy for Enhancing Rural Health care in West Virginia
14. Prasanna Gore	Ph.D.	1995	Chair	Childhood Immunizations in Rural West Virginia: Identification of Immunization Barriers and Development of Persuasion Strategies
15. Prasanna Gore	M.S.	1992	Chair	Credibility of Sources

of Information for Non-prescription Medicines.

(c) Past Graduate Committees

<u>Student Name</u>	<u>Degree/ Year Awarded</u>	<u>Role on Committee</u>
1. Murali Sundaram	Ph.D. 2008	Member
2. Anna D'Souza	Ph.D. 2006	Member
3. Vivek Pawar	Ph.D. 2006	Member
4. Reema Mody	Ph.D. 2005	Member
5. Murali Sundaram	M.S. 2005	Member
6. Siddhesh Kamat	M.S. 2003	Member
7. Ancilla Fernandes	M.S. 2000	Member
8. Aiman Al-Momani	M.S. 1997	Member
9. Krithika Venkatraman	Ph.D. 1997	Member
10. Lionel Pinto	M.S. 1996	Member
11. Ambarish Ambegaonkar	M.S. 1994	Member

(d) Current Graduate Student Committees

<u>Student Name</u>	<u>Degree Program</u>	<u>Role on Committee</u>	<u>Expected Graduation</u>
1. Jennifer Tribino (Johnson)	Ph.D.	Member	Inactive
2. Rahul Khanna	Ph.D.	Chair	12/2009
3. Sanjoy Roy	Ph.D.	Chair	12/2009
4. Abhijeet Bhanagaonkar	Ph.D.	Chair	12//2009
5. Ekta Choudhary	Ph.D. (Public Health)	Co-Chair	6/2009

SERVICE ACTIVITIES (* Indicates recent or ongoing activity)**(a) National Service**

1. *Member, Training Grants (T 32) Reviewer, **Agency for Health Care Research and Quality**, 2007-08.
2. *Chair, **ESAS Section, American Pharmacists Association--Academy of Pharmaceutical Research and Science**, (2007-08)
3. Chair-elect, **ESAS Section, American Pharmacists Association**, (2006-07)
4. *Member, Wiederholt Best ESAS Paper Award Committee, **American Pharmacists Association-Academy of Pharmaceutical Research and Science** (2007-08, 08-09)
5. *Member, Lyman Award Committee, **American Association of Colleges of Pharmacy** (2006-07)
6. Member of **American Pharmacists Association's ESAS Section paper reviewing committee**, 2005-06, 2006-07, 2007-08.
7. Member, **Volwiler Research Achievement Award Committee, American Association of Colleges of Pharmacy**, 2004-05.
8. *External Reviewer of Research for Promotion & Tenure: Albany University (2007), University of North Carolina (2007, 2008), Butler University (2008), University of Florida (2008), University of Texas at Austin (2007), Rutgers University (2007), University of Minnesota (2006 (2), 2007), Western University (2005) University of Arizona (2005), University of Colorado (2004), University of Houston (2004), Ohio State University (2001, 2004), University of Oklahoma (2008), University of Mississippi (2002, 2004), Medical College of Virginia (2002).
9. Member, **American Pharmacists Association, Economic, Social & Administrative Sciences Section – Strategic Planning Committee**, 2002-03.
10. Grant Reviewer, **Centers for Disease Control and Prevention Research Centers Program – 2001 External Grants Review – Special Emphasis Panel**, June 2001
11. Member, **American Pharmaceutical Association Immunization Advisory Panel**, 1999-2000
12. *Member, **Centers for Disease Control and Prevention, Private Providers National Organization Advisory Panel to the National Immunization Program**, 1998-present

13. Grant Reviewer, **Cancer Education Grant Review Panel (R 25), National Cancer Institute – NIH**, 2000, 2001
14. Member, **OPV to IPV Recommendations – Polio Vaccine Partners, Community Outreach Branch Advisory Group**, Atlanta, GA, 1996.
15. Moderator, **National Immunization Conference, Community Outreach Branch Roundtable Discussion Groups**, 1997, 1998, 1999, 2000.
16. Member, **American Association of Colleges of Pharmacy - Council of Faculties Faculty Development Committee**, 1996-97.
17. Member, **American Association of Colleges of Pharmacy, Section of Social and Administrative Sciences - Resolutions Committee**, 1993-94, 1994-95, 1995-96.
18. *Member, **American Pharmaceutical Association, Economic, Social & Administrative Sciences Section - Annual Meeting Paper Screening Committee**, 1995-96, 1996-97, 1998-99, 2002-03. Presider, APhA-APRS ESAS Contributed Papers Podium Session, 143rd Annual Meeting, Nashville, TN, March 10, 1996.
19. Member, **American Association of Pharmaceutical Scientists, Economic, Marketing, & Management Sciences Section - Research Achievement Award Selection Committee**, 1992-93.
20. Member, **American Association of Colleges of Pharmacy, Pharmacy Administration Section - Quality of Graduate Programs Committee**, 1991-92, 1992-1993.
21. Member, **American Association of Colleges of Pharmacy, Pharmacy Administration Section - Membership & Faculty Development Committee**, 1989-91.
22. Member, **American Association of Pharmaceutical Scientists, Economic, Marketing, & Management Sciences Section - Research Paper Screening Committee**, 1989-90.

(b) **West Virginia State Service**

1. Member, **Governor-elect Bob Wise’s Transition Health Team on Prescription Drug Costs**, 2000– 2001.
2. Member, **Data Task Force, WV Center for Health Policy and Research**, 2000-2001.
3. Alternate Member and Chair of Sub-committee on “Program”, **Governor Underwood’s Panel on Prescription Benefits for Seniors**, 2000.
4. Advisor to **WV House Speaker Bob Kiss and Delegate Don Perdue on drug cost-containment legislation for the 2001 legislative session**.

5. Advisor to **WV Senator Martha Walker, Chair, Legislative Oversight Committee for Health and Human Services**, 1999-2000. Series of meetings with key leaders representing different constituencies to address the problem of escalating drug costs.
6. *Advisor, **Pharmaceuticals Program Coordinator, WV Bureau of Medical Services (Medicaid)**, 1995-present
7. *Member, **West Virginia Health Initiatives Project**, Diabetes Disease Management Initiative of the Bureau of Public Health and Bureau of Medical Services, 1999-present
8. Member, **WV Healthy People 2010 Goals – Immunization**, 1999-2000.
9. *Charter Member, **West Virginia Immunization Network**, 1997-present.
10. Member, **West Virginia State Health Education Council**, 1995-97.
11. Member, **West Virginia State Pharmacists Association - Impaired Pharmacist Program Planning Group**, 1991-92.
12. Member, **West Virginia State Pharmacists Association - Organizational Affairs Committee**, 1989-90.

(c) **West Virginia University Service**

1. *Member, **Health Science Center Vice President Search Committee**, 2008-
2. Member, **Translational Research Investment Committee**, 2008
3. *Member, **Statler and Wilson Chairs in Breast Cancer Search Committee**, 2008-
4. *Member, **Bonnie's Bus Mobile Mammography Breast Cancer Screening Planning Team, Mary Babb Randolph Cancer Center**, 2007-
5. *Member, **Senior Leadership Team, Mary Babb Randolph Cancer Center**, 2007-
6. *Member, **EPIC Implementation Committee – Research**, 2006-
7. *Member, **E.J. Van Liere Research Convocation and Faculty Research Day committee**, 2005-06, 2006-07, 2007-08, 2008-09,
8. Member, **Health Services Research Faculty Recruitment Committee**, 2005-06
9. *Member, **HSC Scientific Advisory Committee to VP for Research and Graduate Programs**, 2004-

10. *Member, **Health Policy Faculty Search Committee in Community Medicine**, 2004-
11. *Member, **PhD in Public Health Advisory Committee**, 2004-
12. Member, **Clinical Research Review Committee** for identifying thematic areas in clinical research at the RC Byrd Health Sciences Center, 2003-.
13. Member, **HSC Research Development and Bridge Grant Committee**, 2003-04, 2004-05, 2005-06.
14. Member, **Health Sciences Center Vice President Five Year Performance Evaluation Committee**, 2002-03.
15. Member, **HSC Committee to Review Proposal for PhD Program in Public Health**, 2002.
16. *Member, **Sydney Banks Institute for Innate Health – Research Advisory Committee**, 2001-present.
17. Mentor, **Women in Academic Medicine, School of Medicine, Women Faculty Mentoring Program**, 2001-present.
18. Member, **WV Prevention Research Center – Executive Policy and Planning Committee**, 2000-present
19. *Member, **WVU Faculty Mediation Advisory Board**, 1999-present
20. Member, **WVU Faculty/Staff Mediation Steering Committee**, 1999-2000
21. Member, **Health Sciences Center Teaching Scholars Program Task Force**, 1998-99.
22. *Member, **Health Sciences Center Faculty Development Advisory Committee**, 1998-present.
23. Member, **Chair Development Advisory Committee**, 1998-present.
24. Member, **Health Care Administration Programs Committee**, 1995-2001.
25. *Member, **Faculty Mediator Panel**, 1994-present
26. Member, **West Virginia Prevention Center Conference Committee**, 1995-96
27. Member, **Kellogg, RHI, HETC Research Committee**, 1992-94
28. Member, **West Virginia University Foundation, Outstanding Teachers' Committee**,

1991-92.

(d) **West Virginia University School of Pharmacy Service**

1. Chair, **School of Pharmacy Accreditation Self-study Committee on Mission Planning and Assessment.** 2008-09.
2. Member, **Steering Committee - School of Pharmacy Accreditation Self-study Committees.** 2008-09.
3. *Co-Chair, **Associate Dean for Research and Graduate Programs Search Committee,** 2006-07
4. *Member, **Graduate and Research Advisory Committee,** 2005-
5. *Member, **School of Pharmacy Bylaws Development Committee,** 2006-
6. *Member, **Academic Standards and Professional Integrity Committee,** 2006
7. *Chair, **Pharm.D. Admissions Committee,** 2005-07, Member 1997-2004, 2007-
8. *Member, **Ad Hoc P&T Guidelines Review Committee,** 2005-
9. *Member, **Steering Committee, Strategic Planning Committee,** 2004-
10. *Co-chair, **Strategic Planning for Research,** 2005-
11. Member, **Collaborative Pharmacy Practice Ad Hoc Committee,** 2003-04.
12. Member, **Experiential Education Committee,** 2003-05.
13. Member, **School of Pharmacy Accreditation Self-study Committee on Mission Planning and Assessment.** 2002-03.
14. Member, **School of Pharmacy Accreditation Self-study Steering Committee.** 2002-03.
15. Member, **School of Pharmacy Assessment Committee,** 1997-00, 2000-01, 2002-03
14. Member, **Search Committee for Chair of Clinical Pharmacy Department,** 2001-02
15. Member, **Search Committee for Coordinator of Center for Pharmaceutical Care Education,** 1997-98
16. Member, **School of Pharmacy 1997 Accreditation Visit Steering Committee,** 1996-97.

17. Member, **Self-study Committee on Professional Programs**, 1996-97.
18. *Member, **School of Pharmacy Admissions Committee**, 1996-97, 1997-98, 1998-99, 2003-04.
19. Member, **HSC/School of Pharmacy Strategic Planning Committee**, 1995-96
20. Member, **School of Pharmacy Strategic Planning Steering Committee**, 1994-96
21. Member, **Entry PharmD Curriculum Steering Committee**, 1995-96, 1996-97
22. Member, **Strategic Planning - Research & Graduate Programs Committee**, 1995-96
23. Chairperson, **Strategic Planning - Research & Graduate Programs**, 1994-95
24. Member, **Ad-hoc Graduate Programs Policies and Procedures Committee**, 1994-96
25. Member, **Ad-hoc Committee for Updating Promotion & Tenure Procedures**, 1994-95
26. Chairperson, **Behavioral and Administrative Pharmacy Department Faculty Search Committee**, 1990-91, 1993-94, 1997-98.
27. Member, **PharmD Admissions Committee**, 1992-93, 1993-94, 1994-95, 1995-96.
28. Member, **Academic Standards Committee**, 1990-91, 1992-94, 1994-95, 1995-96.
29. Member, **School of Pharmacy Kellogg Initiative Committee**, 1991-94.
30. Member, **Behavioral and Administrative Pharmacy Department Chair Search Committee**, 1989-90, 1990-91, 1992-93.
31. Member, **Graduate Affairs and Admissions Committee**, 1989-90, 1991-94, 1994- 97. Chairperson 1995-96, 1996-97.
32. Member, **School Awards Committee**, 1992-93, 1995-96, 1996-97, 1997-98, 1998-99.
33. Member, **Ad Hoc Entry PharmD Resources Committee**, 1992-93
34. Member, **PharmD Planning Committee**, 1991-92
35. **Alternate Faculty Delegate to AACP**, School of Pharmacy, 1991-92
36. Member, **Experimentation and Evaluation Committee**, 1991-92
37. Member, **School of Pharmacy Evaluation for Accreditation Visit Steering**

Committee, 1991-92.

38. Member, **School of Pharmacy Curriculum Review Steering Committee, 1991-92.**
39. *Member, **School of Pharmacy Dean's Executive Committee, 1990-present**
40. Member, **Graduate Program and Research & Scholarly Activities Committee, 1989-90.**
41. Member, **School of Pharmacy Strategic Planning Steering Committee, 1989-90.**

(e) **Continuing Education Activities**

1. "Role of the pharmacists in adult immunizations" (0.1 CEU) in The PIP Adult Immunization Workshop (0.4 CEU), March 7, 1998, Morgantown, WV.
2. "Pharmacists as links in the chain of immunization delivery and advocacy" (0.55 CEU) Moderator and Presenter, West Virginia Pharmacists Association, September 11-13, 1998, Canaan Valley Resort, Davis, WV.
3. "Pharmacist-Patient Interactive Counseling" (0.3 CEUs), Facilitator for workshop, Altoona VAMC, Altoona, PA 16602, November 21, 1993.
4. "How to Counsel Patients in Challenging Situations" (0.3 CEUs), Facilitator for workshop. Presentations at:
 - (i) Washington, D.C., December 1, 1993.
 - (ii) Hershey Medical Center department of Pharmacy Services, Hershey, PA, May 26, 1994.
 - (ii) Altoona VAMC, Altoona, PA 16602, June 5, 1994.

(f) **Professional Student Advising and Career Instruction**

1. Faculty Advisor, Alpha Mu Chapter, Rho Chi Pharmacy Honor Society, 1992-95.
2. Instructor, Health Careers Opportunity Program, 1991-92 to present.

12/22/08