

## TRICIA J. JOHNSON, PH.D.

Rush University  
Department of Health Systems Management  
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### EDUCATION

Doctor of Philosophy, Economics, 2002

Arizona State University, W. P. Carey College of Business, Tempe, AZ

**Awards/Honors:** Emeriti Professor Award for the Outstanding Ph.D. Student in Economics  
University Graduate Scholar  
Preparing Future Faculty Scholar

**Dissertation:** The Economics of Information in the Health Care Market

**Committee:** William G. Johnson (Chair), Seung Ahn,  
Hector Chade, Alejandro Manelli, Edward Schlee

Master of Science, Economics, 2001

Arizona State University, W. P. Carey College of Business, Tempe, AZ

**Awards/Honors:** University Graduate Scholar

Master of Arts, Hospital and Health Administration, 1995

The University of Iowa, Iowa City, IA

**Awards/Honors:** Alumni Association 2<sup>nd</sup> Year Scholarship  
Alumni Association State of Iowa Scholarship

Bachelor of Arts, *magna cum laude*, Economics & Business Administration, 1993  
Coe College, Cedar Rapids, IA

**Awards/Honors:** Richter Scholar for Superior Scholarship in Honors Thesis  
Phi Kappa Phi Honor Fraternity  
Phi Beta Kappa Honor Fraternity  
Omicron Delta Epsilon Economics Honor Fraternity

### ACADEMIC APPOINTMENTS

Director, Rush University Center for Health Care Management and Policy Research	2006 – Present
Associate Professor, Rush University Department of Health Systems Management	2009 – Present
Assistant Professor, Rush University Department of Health Systems Management	2002 – 2009

Economist, Rush University Medical Center Strategic Planning, Marketing and Program Development	2002 – Present
Co-Section Director, Finance Core Curriculum, Rush University Department of Health Systems Management	2002 – 2008
Adjunct Faculty, Arizona State University Seidman Research Institute, Center for Health Information and Research	2005 – Present
Mentor, Rush University Medical Center Department of Internal Medicine Research Mentoring Program	2006 – Present

### **RESEARCH INTERESTS**

Labor Economics, Health Economics, Economics of Uncertainty and Information, Industrial Organization, Econometrics, Disability and Aging

### **RESEARCH APPOINTMENTS**

<i>Research Associate</i> School of Health Administration and Policy and Department of Economics, Arizona State University, Tempe, AZ	1998 – 2002
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Managed and conducted statistical and econometric analysis for multiple research projects related to occupational injuries. Conducted statistical analysis and developed summary report for annual survey of state-licensed physicians and presented summary findings to the Arizona Council for Graduate Medical Education. Participated in research and development of a report for the 74<sup>th</sup> Arizona Town Hall on the future directions of Arizona's health care related to the continuing supply of physicians. Served as technical resource at the Fall 1999 Town Hall meeting.

<i>Summer Research Associate</i> RAND Corporation, Santa Monica, CA	2001
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Analyzed the effects of work accommodations on retirement decisions for individuals with occupational injuries before and after implementation of the Americans with Disabilities Act using the Health and Retirement Survey. Investigated return-to-work programs for occupational injuries from a sample of self-insured employers in the state of California to identify best practices in employer return-to-work programs

<i>Research Associate</i> Arizona State University (ASU) Healthy Back Study, Tempe, AZ	2000
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Served as project coordinator for a three-year prospective study on back pain resulting from occupational injuries in five national employers. Designed and managed database to track survey information and conducted descriptive and statistical analysis on participation and responses. Trained and managed interviewers on a day-to-day basis.

<i>Research Assistant</i> Graduate Program in Hospital and Health Administration, The University of Iowa, Iowa City, IA	1994 – 1995
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Developed strategic plan and assisted with data collection for a community needs assessment of mental and elderly health care needs. Conducted literature review and benchmarking study on

community health needs assessments, researching various national needs assessments and identifying specific health status indicators for rural communities.

*Research Assistant*

1994

Graduate Program in Hospital and Health Administration, Center for Health Services Research, Iowa City, IA

Examined the effects of provider supply rates on hospitalizations for both mental illness and substance abuse disorders. Investigated small area variations for physicians, psychiatrists, social workers and counselors for the state of Iowa and analyzed data to determine the distribution of mental health providers for the state.

## **RESEARCH AND TRAINING GRANTS**

Fulbright Scholar Award to Austria, “Lecturing and Research: Health Economics and Comparative Health Care Systems/Assessing the Effect of Medical Tourism for the U.S. and Austria,” Vienna University of Economics and Business Administration

March 2009 – June 2009

### **Research Grants Received**

“The Relationship between Hospital Acquired Conditions and Severity of Illness” Rush University College of Health Sciences Research Grant, \$13,000, Principal Investigator

May 2008 – June 2008

“Health Benefits and Cost of Human Milk Feedings for Very Low Birthweight Infants” from the National Institute on Nursing Research, \$1,959,000, Co-Investigator (PI: Paula Meier, Ph.D.)

October 2007 – September 2012

“Degraded Rationality: Subclinical Neuropathology and Neuroeconomic Behavior in Older Adults” from the National Institute on Aging, \$160,000, Co-Investigator (PI: David Bennett, M.D.)

July 2007 – June 2010

“International Travel for Essential Medical Care: Niche Specialty or Disruptive Innovation?” from the Alfred P. Sloan Foundation, \$45,000, Co-Investigator (PI: Andrew Garman, Psy.D.)

March 2007 – February 2008

“Engaging Low Income Parents in Prevention Programs” from the National Institute on Nursing Research, \$2,900,000, Co-Investigator (PI: Deborah Gross, Ph.D.)

January 2007 – December 2011

“Do the Near Elderly Delay Care for Their Chronic Conditions?” from the Rush University Committee on Research, \$20,000, Principal Investigator

July 2006 – June 2007

“The Impact of Demographic and Labor Force Participation Changes on the Social Security Disability Insurance and Medicare Programs,” from the Disability Research Institute at the

University of Illinois at Urbana-Champaign under subcontract to the Social Security Administration, \$117,209, Co-Investigator (PI: William Johnson, Ph.D.)  
October 2003 – September 2004

“The Economics of Information in the Health Care Market,” from the Agency for Healthcare Research and Quality, Health Services Dissertation Research Grant, \$32,260, Principal Investigator  
June 2002 – May 2003

### **Training Grants Received**

“Albania Health System Modernization Project: Technical Assistance for Hospital Management and Financial Management” from the Albanian Ministry of Health and World Bank, \$500,767, Financial Management Specialist  
March 2008 – August 2010

“Special American Business Internship Training (SABIT) Program at Rush University Medical Center: Russian Health Care Executive Training Program” from the U.S. Department of Commerce, \$16,800, Principal Investigator  
January 2006 – March 2006

### **Refereed Journal Articles**

Fullam Francis, E. C. Hedberg, Andrew N. Garman, and Tricia Johnson. (2009). Prediction of Malpractice Risk: The Use of Patient Satisfaction Surveys, Alternative Coding Procedures and Variance Structure. *Medical Care*, 47:553-559.

Johnson, Tricia J., Robert McNutt, Richard Odwazny, Deval Patel, and Seth Baker. (2009). Discrepancy between Admission and Discharge Diagnoses as a Predictor of Hospital Length of Stay. *Journal of Hospital Medicine*, 4(4):234-239.

Munoz, Christina, Grace Villanueva, Louis Fogg, Tricia Johnson, Katherine Hannold, Janyce Agruss and David Baldwin. (2008). Impact of Subcutaneous Insulin Protocol in the Emergency Department: Rush Emergency Department Hyperglycemia Intervention (REDHI). *Journal of Emergency Medicine*, October.

Johnson, Tricia J., Mitul Shah, John Rechner, and Gerald King. (2008). Evaluating the Effect of Resident Involvement on Physician Productivity in an Academic General Internal Medicine Practice. *Academic Medicine*, 83(7):670-674.

Johnson, Tricia J. and Stephanie Middleton. (2008). Arthritis Treatment Costs Resulting from Medicaid Prescription Formulary Restrictions. *American Journal of Public Health*, 98:1300-1305.

Venkataramani, Prakash, Tricia Johnson, Patricia O’Neil, Victoria Poindexter and Jeffrey Rooney. (2006). The Effect of Interest Rate Derivative Transactions on Debt Savings for Not-For-Profit Health Systems. *Journal of Health Care Finance*, 33(2):23-38.

Johnson, Tricia J. (2006). Managed Care and Clinical Autonomy in the Worker’s Compensation Market. *Managed Care Interface*, October.

Johnson, William G., Marjorie L. Baldwin and Tricia J. Johnson. (2006). Does Network Care Prolong Work Absences? *Industrial Relations*, July.

Johnson, Tricia J., Mary E. Rimsza and William G. Johnson. (2006). Saving Money or Shifting Costs: The Effects of Reducing State Children's Health Insurance Program Coverage. *American Journal of Public Health*, April.

Artis, Latoya, Theresa Burkhart, Tricia J. Johnson and Karl Matuszewski. (2006). Physician Factors as an Indicator of Technological Device Adoption. *Journal of Medical Systems*, June.

Cohen, Stanley Martin, Sushama Gundlapalli, Ami R. Shah, Tricia J. Johnson, John B. Rechner and Donald M. Jensen. (2005). The Downstream Financial Effect of Hepatology. *Hepatology*, May.

Johnson, Tricia J. (2003). The Managed Care Backlash: Is It Just About Quality? *Managed Care Interface*, May.

Bartleson, John D., Amy L. Anshus, Anna M. Halvorson, Janine R. Kamath, Tricia J. Johnson and Julie S. Herman. (1998). Benchmarking the Communication of Continuous Improvement Activities. *Quality Management in Health Care*, Spring.

Hendryx, Michael, Tricia J. Johnson and Tyrone Borders. (1995). The Distribution of Mental Health Providers in a Rural State. *Administration and Policy in Mental Health*, Fall.

#### **Other Publications and Reports**

Johnson, William G. and Tricia J. Johnson. (2005). *The Impact of Demographic and Labor Force Participation Changes on the Social Security Disability Insurance and Medicare Programs*. Report to the Disability Research Institute at University of Illinois at Urbana-Champaign and Social Security Administration.

Rimsza, Mary E., William G. Johnson, Tricia J. Johnson and Rebecca M. B. White. (2004). *Kids and Asthma: A Report to the Yuma Community from the Yuma County Community Health Data System, A Community-University Partnership*. Report received the 2005 President's Medal for Social Embeddedness from Arizona State University.

Reville, Robert T., Frank Neuhauser, David Studdert, Ed Welch, Niklas Krause, Laren Sager-Weinstein and Tricia J. Johnson. (2004). *Return to Work in California Workers' Compensation*. Santa Monica, CA: RAND Corporation.

Johnson, Tricia J. (2002). *The Economics of Information in the Health Care Market: Managed Care and Utilization Constraints*. Ph.D. Thesis.

Anderson, D., Ruth Cherrick, S. Easter, J. Godwin, William G. Johnson, Tricia J. Johnson, et al.. (1999). *Future Directions for Arizona's Health Care: Report to the 74<sup>th</sup> Arizona Town Hall*.

Johnson, Tricia J. (1992). Effects of Sex Discrimination and Promotion: A Study of the Legal Profession. *Sixth National Conference of Undergraduate Research Proceedings*.

### **Papers in Progress**

Johnson, Tricia J. (2006). Managed Care and Utilization Constraints: How Do Physicians Respond to an Increase in Clinical Autonomy? Submitted to *Inquiry*, March 2006; revise-and-resubmit extended August 2006.

Johnson, Tricia J. (2006). The Economics of Information in the Health Care Market: The Effects of California's Primary Treating Provider Legislation on Health Care Utilization. *Working paper*.

Johnson, Tricia J. and Amy Bartels. (2006). Patterns of Health Insurance Coverage. *Working paper*.

### **Media Statements**

Profiled in "Doctoral Student Earns Grant for Health Care Market Research." *News You Need to Know* (ASU Public Affairs newsletter), October 2002; *ASU News and Information*, September 18, 2002; *ASU Insight*, September 13, 2002.

### **Conference Papers and Professional Presentations**

Brian Harting, Tricia Johnson, Richard Odwazny, Raj Behal, David Ansell, Robert McNutt. "Accuracy of Electronic Data in Estimating the Number of Inpatients with a Urinary Catheter." Poster presentation, 47<sup>th</sup> Annual Meeting of the Infectious Diseases Society of America, Philadelphia, October 2009.

Johnson, Tricia and Andy Garman. "Innovation, Consumerism and the Future of Medical Travel." Poster presentation, *European Health Management Association Annual Conference*, Innsbruck, Austria, June 2009.

Johnson, Tricia, Robert McNutt, Brian Harting, Kimberly Skarupski, Samuel Hohmann, Steven Meurer. "The Impact of Nonpayment for Hospital Acquired Conditions on Diagnosis Related Group Assignment and Hospital Reimbursement." Oral presentation, *European Health Management Association Annual Conference*, Innsbruck, Austria, June 2009.

Brusius, Anne, Alison Ridge, Christine Garvey, Wrenetha Julion, Louis Fogg, Irma Ordaz, Tricia Johnson, Susan Breitenstein, Deborah Gross. "Developing a Theory of Participation: Motivational Factors Associated with Participation in Parent Training with Low-Income Families of Young Children." Poster presentation, 17<sup>th</sup> Annual Meeting of the Society for Prevention Research, Washington, D.C., May 2009.

Johnson, Tricia J., Andrew N. Garman and Matthew Anderson. "International Competition in the Health Services Industry." Oral presentation, *American Society of Health Economists 2<sup>nd</sup> Biennial Conference*, Durham, North Carolina, June 2008.

Johnson, Tricia J. "Best Practices in Student Assessment: A Capstone Research Project Experience." Oral presentation, *Association of University Programs in Health Administration 2008 Annual Meeting*, Washington, D.C. June 2008.

Gentry, Daniel and Tricia J. Johnson. "Best Practices in Student Learning: Using Team-Based Learning (TBL) Techniques to Improve Retention and Skills." Poster presentation, *Association of University Programs in Health Administration 2008 Annual Meeting*, Washington, D.C. June 2008.

Johnson, Tricia J. and Andrew N. Garman. "A Methodology to Assess the Impact of Medical Travel on Imports and Exports of Medical Services," Oral presentation, *Midwest Economics Association 72<sup>nd</sup> Annual Meeting*, Chicago, IL. March 2008.

Garman, Andrew N., Tricia J. Johnson and J. Robert Clapp, Jr. "The Future of Medical Tourism: Niche Market or Disruptive Innovation?" Oral presentation, *American College of Healthcare Executives Congress on Healthcare Leadership*, Chicago. March 2008.

Johnson, Tricia J. and Andrew N. Garman. International Travel for Medical Care: Global Trends and Their Domestic Implications. Oral presentation, *Lexington College Health Care and Hospitality Seminar Series*, Chicago, Illinois. February 2008.

Garman, Andrew N. and Tricia J. Johnson. The Present and Future of Medical Travel: Trends and Questions for the Tourism Industry. Oral presentation, *Sloan Tourism Industry Center Conference on Tourism as a Catalyst for Economic Development*, Columbia, South Carolina. September 2007.

Garman, Andrew N. and Tricia J. Johnson. The Present and Future of Medical Travel. *Sloan Foundation Industry Studies Program Midwest Regional Meeting*, Chicago, Illinois. October 2007.

Johnson, Tricia J., Andrew Garman, Scott King and Anthony Perry. Do the Near Elderly Delay Needed Care for Chronic Conditions? Poster presentation, *International Health Economics Association, 6<sup>th</sup> World Congress*, Copenhagen, Denmark. July 2007.

Johnson, Tricia, Lisa Aponte-Soto, Samuel Hohmann and Shital Shah. The Influence of Patient Origin on Health Care Use for Acute Myocardial Infarction at Academic Medical Centers. Poster presentation, *AcademyHealth Annual Research Meeting*, Orlando. June 2007.

Johnson, Tricia J., Andrew Garman, Scott King and Anthony Perry. Does Knowledge of Future Medicare Coverage Impact Current Health Care Decisions? Poster presentation, *AcademyHealth Annual Research Meeting*, Orlando. June 2007.

Powondra, Matthew, Lauren Brinkmeyer, Tricia Johnson and Sanford Stein. Lung Cancer Screening for Academic Medical Centers: Examining Downstream Revenue Possibilities. Poster presentation, *AcademyHealth Annual Research Meeting*, Orlando. June 2007.

Johnson, Tricia J. and Stephanie Stahl. Do Restrictive Medicaid Prescription Formularies Save Money in the Treatment of Arthritis? Oral presentation, *The Gerontological Society of America's 59<sup>th</sup> Annual Meeting*, Dallas. November 2006.

Johnson, Tricia J., Mary E. Rimsza and William G. Johnson. Patterns of Health Care Utilization for Hispanic and Non-Hispanic Children with Asthma. Oral presentation, *AcademyHealth Annual Research Meeting*, June 2006.

Johnson, Tricia J. and William G. Johnson. The Health Care Disability Crisis: Disabled and Without Social Security Disability Insurance. Oral presentation, *AcademyHealth Annual Research Meeting*, June 2006.

Johnson, Tricia J. and William G. Johnson. The Health Care Crisis for People with Disabilities Who Do Not Receive Social Insurance Benefits. Oral presentation, *American Society of Health Economists Inaugural Biennial Conference*, Madison. June 2006.

Johnson, Tricia J. Reducing SCHIP Coverage: Saving Money or Shifting Costs? Oral presentation, *Chicago Center of Excellence in Health Promotion Economics Seminar Series*, Chicago. November 2005.

Johnson, Tricia J. Do Physicians in Managed Care Networks Respond to a Regulatory-Based Increase in Clinical Autonomy? The California Primary Treating Provider Experience. Paper, *International Health Economics Association, 5th World Congress*, Barcelona, Spain. July 2005.

Johnson, Tricia J. How do Physicians in Managed Care Networks Respond to an Increase in Clinical Autonomy? *Academy Health Annual Research Meeting*, Boston. June 2005.

Johnson, William G., Tricia J. Johnson and Mary E. Rimsza. Reducing SCHIP Coverage: Saving Money or Shifting Costs? Poster presentation, *Pediatric Academic Societies Annual Meeting*, Washington, D.C. May 2005.

Johnson, Tricia J. Physician Compensation and Productivity. Oral presentation, *American Chinese Healthcare Professionals Association Spring Meeting*, Chicago. April 2005.

Johnson, William G. and Tricia J. Johnson. The Impact of Demographic and Labor Force Participation Changes on the Social Security Disability Insurance and Medicare Programs. Poster presentation, *Disability Research Institute 2005 Symposium*, Washington, D.C. April 2005.

Johnson, Tricia J. Do Physicians in Managed Care Networks Respond to an Increase in Clinical Autonomy? The California Primary Treating Provider Experience. Oral presentation, *Workers' Compensation Research Group Spring Meeting*, Oakland. March 2005.

Johnson, Tricia J., Mary E. Rimsza and William G. Johnson. Reducing SCHIP Coverage: Saving Money or Shifting Costs? Oral presentation, *Tenth Annual Maternal and Child Health Epidemiology Conference*, Atlanta. December 2004.

Johnson, Tricia J., Mary E. Rimsza and William G. Johnson. Patterns of Health Insurance Coverage in a Rural Hispanic Border Community. Poster presentation, *Tenth Annual Maternal and Child Health Epidemiology Conference*, Atlanta. December 2004.

Johnson, Tricia J. and William G. Johnson. Impact of Demographic and Labor Force Participation Changes on Health Care Utilization. Oral presentation, *American Public Health Association Annual Meeting*, Washington D.C. November 2004.

Patterns of Health Insurance Coverage in a Rural Hispanic Border Community. Poster presentation, *American Public Health Association Annual Meeting*, Washington, D.C. November 2004.

Physician Productivity and Clinical Benchmarking. Oral presentation, *Medical Academy of Postgraduate Studies*, Saint Petersburg, Russia. July 2004.

Risk Adjustment and Clinical Benchmarking. Oral presentation, *Medical Academy of Postgraduate Studies*, Saint Petersburg, Russia. July 2004.

Johnson, Tricia J. and Alex Swedlow. The Effect of California's PTP Legislation on the Utilization of Health Care: Network and Non-Network Responses. Oral presentation, *Workers' Compensation Research Group Spring Meeting*, Tempe. March 2004.

Rimsza, Mary E., Johnson William G., Bartels, Amy, and Tricia J. Johnson. Patterns of Utilization for Asthma Patients. Oral presentation, *Pulmonary Research Forum*, Tempe. 2004.

Johnson, Tricia J., Johnson, William G. and Amy Bartels. The Impact and Labor Force Participation Changes on Social Security Disability Insurance. Oral presentation, *56th Annual Scientific Meeting of the Gerontological Society of America*, San Diego. November 2003.

Johnson, William G., Bartels, Amy, Johnson, Tricia J., and Mary E. Rimsza. Use of a Community Health Data System to Track Asthma. Poster presentation, *American Public Health Association Annual Meeting*, San Francisco. November 2003.

Johnson, William G., Rimsza, Mary E., Johnson, Tricia J., and Amy Bartels. Emergency Department as a Source of Care for Children in a U.S.- Mexico Border Community. Poster presentation, *Rural Health Conference*, Tucson. July 2003.

Johnson, Tricia J. and William G. Johnson. Workers' Compensation and Litigation: A New Model. Poster presentation, *International Health Economics Association 4<sup>th</sup> World Congress*, San Francisco. June 2003.

Johnson, Tricia J. How Do Providers Respond to Relaxing Utilization Review Constraints? The Effect of California's PTP Legislation on Health Care Utilization. Oral and poster presentation, *International Health Economics Association 4<sup>th</sup> World Congress*, San Francisco. June 2003.

Johnson, Tricia J. and William G. Johnson. Workers' Compensation and Litigation: A New Model. Oral presentation, *Midwest Economics Association 67<sup>th</sup> Annual Meeting*, St. Louis. March 2003.

Johnson, Tricia J. The Managed Care Backlash: Utilization of Health Care for Occupational Injuries. Poster presentation, *American Public Health Association Annual Meeting*, Washington, D.C. November 2002.

Johnson, Tricia J. The Effect of California's PTP Legislation on the Utilization of Health Care. Oral presentation, *Workers' Compensation Research Group Fall Meeting*, Boston. October 2002.

Johnson, William G., Baldwin, Marjorie and Tricia J. Johnson. Controlling Workers' Compensation Costs: Is Managed Care the Solution? Oral presentation, *Academy for Health Services Research and Health Policy Annual Meeting*, Washington, D.C. June 2002.

Johnson, Tricia J. The Managed Care Backlash: The Effects on Utilization of Health Care for Occupational Back Injuries. Poster presentation, *Academy for Health Services Research and Health Policy Annual Meeting*, Washington, D.C. June 2002.

Johnson, Tricia J. The Effects of Relaxing Utilization Management Constraints: How Do Physicians Respond? Oral presentation, *Midwest Economics Association Meeting*, Chicago. March 2002.

Johnson, Tricia J. Workers' Compensation and Self-Insured Employers: A Study of Employers' Return-to-Work Practices. Oral presentation, *Summer Associate Research Seminar Series, Institute for Civil Justice, RAND Corporation*, Santa Monica. August 2001.

Johnson, Tricia J. Managed Care and Utilization Constraints. Oral presentation, *Western Economics Association International*, San Francisco. July 2001.

Johnson, Tricia J. Managed Care Constraints and Utilization Patterns. Oral presentation, *Workers' Compensation Research Group Spring Meeting*, Boston. March 2001.

Johnson, Tricia J. Sex Discrimination and Promotion: A Study of the Legal Profession. Oral presentation, *Midwest Economics Association Meetings*, Minneapolis. April 1993.

Johnson, Tricia J. Effects of Sex Discrimination in Promotion: A Study of the Legal Profession. Oral presentation, *National Conference of Undergraduate Research VI*, March 1992.

### **Other Presentations**

Johnson, Tricia J., Health Care Trends in Asia. Panelist, *GE Healthcare Asia-Pacific American Forum, RSNA 2008 94<sup>th</sup> Scientific Assembly and Annual Meeting*, Chicago, December 2008.

## **TEACHING**

### **Teaching Topics**

Economics of health care and health insurance

Contract theory

Research methods

Economic evaluations – cost effectiveness analyses, cost benefit analyses

Industrial organization

Labor economics

Microeconomic and macroeconomic theory

Managerial economics

### **Awards – Rush University**

2007 – Commencement Hooder Award

2006 – Outstanding Faculty Award (Excellence in Teaching)

2005 – Bruce C. Campbell Award (Helpfulness and Dedication to the Graduating Class)

2005 – Outstanding Faculty Award (Excellence in Teaching)

2005 – Commencement Hooder Award

2004 – Outstanding Faculty Award (Excellence in Teaching)

2004 – Commencement Hooder Award

### **Graduate Courses Taught – Rush University**

HSM533 – Health Economics (Winter 2003 – Winter 2009)

HSM597 – Master’s Project (Fall 2003 – Winter 2004; Fall 2004 – Winter 2005; Fall 2005 – Winter 2006, Fall 2006 – Winter 2007, Fall 2007 – Winter 2008, Fall 2008 – Winter 2009, Fall 2009)

HSM590 – Current Topics in Health Care Management (Spring 2005)

HSM567 – Managed Care, Co-Course Director (Winter 2003)

### **Undergraduate Courses Taught – Vienna University of Economics and Business**

#### **Administration**

Comparative Health Care Systems (Summer 2009)

Health Economics (Summer 2009)

### **Graduate Courses Taught – Arizona State University**

HSA512 – Introduction to Health Economics (Fall 2001)

Master of Business Administration course

HSA563 – Introduction to Health Economics (Fall 2001)

Master of Public Health course

### **Undergraduate Courses Taught – Arizona State University**

ECN382/ECN394 – Managerial Economics (Summer 2000, Summer 2002)

ECN112 Principles of Microeconomics, Guest Lecturer (Fall 2000)

### **Master’s Project Committees, Rush University Department of Health Systems Management**

2008 – “Health Care Use for All Kids: A Comparison of Uninsured and Insured Children Seen at Infant Welfare Society of Chicago” by Maritza Barajas (Chair)

2008 – “Assessing Patient Conversion and Downstream Revenue from Community Wellness Events at Rush University Medical Center” by Karen Clayton (Chair)

2008 – “Impact of 8 Preventable Comorbid Conditions on DRG Reimbursement” by Zachary Remmich (Chair)

2008 – “Methodology for the Development of Chinese DRG Weights” by Caizhen Bai (Member)

2008 – “The Impact of 2007 Medicare Fee Schedule Changes on Physician Coding and Reimbursement” by Kenneth Spradlin (Member)

2007 – “Factors Influencing Patient Philanthropic Donations” by Amanda Glader (Chair)

2007 – “Is There a Relationship between Hospital Costs and Medicaid Reimbursement in Illinois?” by Joseph McCombs (Chair)

2007 – “Discrepancies in Admission and Discharge Diagnoses and the Effect on Quality of Care Delivered at an Academic Medical Center” by Deval Patel (Chair)

- 2007 – “Lung Cancer Mass Screening for Urban Academic Medical Centers: Examining Downstream Revenue Possibilities” by Matthew Powondra (Chair)
- 2007 – “‘Un-Rules’ and Certificate of Need Approval” by Luke Sullivan (Chair)
- 2006 – “The Impact of Arthritis Prescription Formulary Restrictions on Utilization and Costs to the Arizona and Illinois Medicaid Programs” by Stephanie Middleton (Chair)
- 2006 – “Comparison of Inpatient Treatment for Hospitalists and Nonhospitalists in an Academic Teaching Facility” by Hemal Parikh (Chair)
- 2006 – “Dose High Productivity Sacrifice Patient Satisfaction?” by Colleen Ries (Chair)
- 2006 – “Length of Stay and Readmissions” by Daniel Roston (Chair)
- 2006 – “Evaluating the Effect of Resident Involvement on Physician Productivity in an Academic Internal Medicine Practice” by Mitul Shah (Chair)
- 2006 – “The Effect of Interest Rate Derivative Transactions on Debt Savings at Not-for-Profit Health Systems” by Prakash Venkataramani (Chair)
- 2006 – “Comparison of Cost and Utilization of Pediatric Hypertension Prescription Drugs Between Medicaid and State Children’s Health Insurance Programs in Arizona” by Quanyang Zhang (Chair)
- 2006 – “The Study of Profitability of Orthopedic Hip Implants” by DeAndre James (Member)
- 2005 – “Predisposing Factors of the Use of Physical Restraints in Older Adults,” by Jeen-Soo Chang, M.D. (Chair)
- 2005 – “The Implications of an Organization-wide Marketing Strategy on Emergency Department Volume” by Karishma Parekh (Chair)
- 2005 – “Does Switching Sedatives Make a Difference? A Comparison of Cost Effectiveness and Recovery Time with Demerol and Fentanyl for Endoscopy Outpatients” by Aisha Ahmad (Member)
- 2005 – “An Exploratory Analysis of Physician Characteristics and Drug Eluting Stent Adoption” by LaToya Artis (Member)
- 2005 – “Admission Rates from Private Practice Primary Care Providers on Staff at a Community Hospital Following a Primary Care Physician Development Plan Strategy Intervention” by Travis Jacobsmeier (Member)
- 2004 – “A Comparison of Health Indicators between Hispanic Subgroups: Mexicans and Puerto Ricans” by Jamil Abdallah (Chair)
- 2004 – “The Relationship Between Past Social Networks and the Current Health Status of the Aging Population” by Jeannette Catalano (Chair)

- 2004 – “A Study of the Effect of Educational and Administrative Interventions on Physician Behavior: Reducing Demerol Use” by Jack Bailey (Member)
- 2003 – “Factors Affecting Claim Denials” by Marissa Benuch (Member)
- 2003 – “The Effect of Patient Cost Sharing on Health Status in China” by Andrew Melka (Member)
- 2003 – “The Effects of Physician Compensation Models on Physician Productivity and Revenue” by David Spurlock (Member)

## **PROFESSIONAL SERVICE ACTIVITIES**

### **Professional Service - External**

Member, University HealthSystem Consortium Clinical Informatics Steering Committee, 2007 - present  
 Guest Speaker, *Managed Care and Insurance*, 2004, 2005 2006, and 2008, Wheaton College  
 Program Chair, Workers’ Compensation Research Group Meeting, April 2003  
 Guest Speaker, *What Can You Do With An Economics Degree?* March 2002 and February 2005, Coe College  
 Guest Speaker, *Preparing Future Faculty, 2<sup>nd</sup> Year Seminar*, Fall 2001, ASU  
 Guest Speaker, *Preparing Future Faculty Fall Reception 2000*, ASU  
 Guest Speaker, *Success in Graduate Study: 2000 Fall Orientation*, ASU  
 Referee for the *Journal of Complementary and Alternative Medicine*  
 Referee for *Journal of Hospital Medicine*

### **Professional Service – Internal**

2007 – present College of Health Sciences Faculty Research Development Committee, Chair  
 2007 – present College of Nursing, Research Advisory Board, Member  
 2006 – present College of Health Sciences Faculty Council, Member  
 2006 – 2007 College of Health Sciences Research Seminar Series Steering Committee, Chair  
 2005 – present Rush University Forum for Research and Clinical Investigation, Planning Committee, Member  
 2003 – present Department of Health Systems Management Research Committee, Chair  
 2003 – present Department of Health Systems Management Advisory Committee, Member  
 2003 – 2007 College of Health Sciences Committee for Senior Faculty Academic Appointments and Promotions, Member  
 2002 – present Department of Health Systems Management Curriculum Committee, Member

### **Current Memberships**

American Economics Association  
 International Health Economics Association  
 Midwest Economics Association

Workers' Compensation Research Group  
AcademyHealth  
American Public Health Association  
The Gerontological Society of America  
Association of University Programs in Health Administration  
American College of Healthcare Executives