Committee on Energy and Commerce
U.S. House of Representatives
Witness Disclosure Requirement - "Truth in Testimony"
Required by House Rule XI, Clause 2(g)(5)

1. Your Name: *Nishant Anand*	
2. Your Title: *Senior Vice President, Chief Transformation Officer| Chief Medical Officer Population Health Services Organization*	
3. The Entity(ies) You are Representing: *Adventist Health System*	

	Yes	No
4. Are you testifying on behalf of the Federal, or a State or local government entity?		X

5. Please list any Federal grants or contracts, or contracts or payments originating with a foreign government, that you or the entity(ies) you represent have received on or after January 1, 2015. Only grants, contracts, or payments related to the subject matter of the hearing must be listed.

To our knowledge we are not a federal contractor within the legal meaning of that term. As a healthcare provider we have numerous payment and other relationships with federal and state governments. We are not aware of any foreign country contracts related to the subject matter of the testimony

The system is a Medicare and Medicaid provider that has an MSSP ACO participant agreement, and participates in CJR and intend to participate in BPCI-A.

6. Please attach your curriculum vitae to your completed disclosure form.

Signature:_____ Date: 07.11.2018

Nishant Anand, MD

Nishant Anand, MD, FACEP, is an accomplished physician leader, board certified in Emergency Medicine and passionate about the potential of population health within value-based medicine. Dr. Anand currently serves as Senior Vice President, Chief Transformation Officer at Adventist Health System and Chief Medical Officer of the Population Health Services Organization. In addition, he has been selected as the President and Chairman of the AHS Accountable Care Organization,

Prior to this, he served as Senior Vice President of Memorial Hermann Health System and Physician-in-Chief of MHMD, Memorial Hermann Physician Network (MHMD). MHMD is one of the largest physician organizations in the country, comprised of almost 4,000 independent, academic and employed physicians. Together with Memorial Hermann Health System, these organizations have formed the Memorial Hermann Accountable Care Organization which serves both commercial and Medicare contracts and has emerged as the top performing ACO in the country in the Medicare Shared Savings Program for three consecutive years.

Prior to joining Memorial Hermann, Dr. Anand served as Chief Medical Officer for Banner Health Network (BHN), a large physician and provider network based in Phoenix, AZ. He led the effort to mature BHN into a full partnership with the new Banner Health Accountable Care Organization, embracing clinical integration and risk-based contracting in the process. In so doing, he provided the clinical oversight for population health management and the implementation of several high-value specialty networks. Under his leadership, BHN achieved the highest aggregate savings of all Pioneer ACOs, producing major improvements in health care quality and efficiency.

Additionally, he managed the clinical integration initiatives throughout his leadership on numerous physician committees that are designed to address quality of care across the entire continuum, from acute and post-acute care to telehealth and wellness. He has obtained innovative contracts with payers including risk capitation, bundled payment, shared savings and pay-for-performance models. In the informatics arena, Dr. Anand championed the installation of electronic medical records into the BHN practices, with special emphasis on eClinicalWorks and Cerner.

Dr. Anand received his medical degree from the Mayo Medical School in Rochester, MN and completed his residency training in Emergency Medicine at Stanford/Kaiser Emergency Medicine Program, beginning his clinical practice in California before relocating to Phoenix in 2007 where he was appointed to serve as associate program director of the University of Arizona Emergency Medicine Residency Program. He has authored 20 peer-reviewed publications and received numerous awards for clinical competency, work with underserved populations, patient satisfaction and innovation while continuing to practice as an emergency room physician.

Nishant Anand, M.D., F.A.C.E.P.

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HEALTHCARE MANAGEMENT EXECUTIVE

Physician Leader, Clinically Integrated Network, Managed Care, Quality, Utilization, Service Excellence

I am an executive health care leader with experience in many aspects of the health care industry. As a board-certified Emergency Medicine physician, I continue to see patients one weekend day a month. I have served as Chief Medical Officer of an independent multistate private practice provider organization. In addition, previously I have participated in research with several publications and presentations in addition to serving as an Emergency Medicine Associate residency director and medical student assistant professor.

Most recently I have transitioned from the executive leadership team of Memorial Hermann to a role as Senior Vice President at Adventist Health System. While at Memorial Hermann, we had continued growth in size, revenue, and capabilities over the last few years with nation leading results on the CMS MSSP Program; in addition to other successes.

PROFESSIONAL EXPERIENCE

Senior Vice President, Adventist Health System, Chief Transformation Officer,   **Aug 2017 – Present**
Chief Medical Officer PHSO
AHS Accountable Care Organization, President/Chairman of the Board
- Florida wide ACO serving 55k Medicare beneficiaries

AHS Population Health Services Organization, Secretary of the Board and Chief Medical Officer
- Responsible for population health and value-based activities across the enterprise

AHS Center for Transformational Excellence
- Help oversee clinical standardization and clinical transformation across the organization

Assistant Professor of Emergency Medicine, University of Central Florida   **Dec 2017– Present**
College of Medicine

Senior Vice President, Health Management, CEO and Physician in Chief   **May 2016 – Aug 2017**
Memorial Hermann Health System/Memorial Hermann Physician Network/ACO
Memorial Hermann Health System: Oversee a 500+ member team responsible for the:
- Clinical Programs Governance Council; 57 specialty specific committees that oversee clinical care delivery for the enterprise including peer review, clinical guideline development, supply chain, pharmacy
- Clinical Re-design – Development of an end-to-end patient care clinical delivery model with a focus on clinical variation reduction while improving operational and financial efficiency; Clinical Progression, Pharmacy, Supply Chain, Service Line;
- Care and Case Management Integration across inpatient, outpatient, health plan, and post-acute;
- Hospital Based Physicians;
- Co-lead the MH ACO; #1 Performing MSSP Program in the United States
- Clinical Documentation Integrity for the health system including all hospitals;
- Risk Adjustment
- Co-lead the Clinically Integrated Network including service lines,both inpatient and outpatient

Memorial Hermann Physician Network: 5000+ physicians, 2000 of which are fully clinically integrated, 14 hospitals, 500,000 value based lives
Memorial Hermann Physician Network is the Physician Network for Memorial Hermann and with the inclusion of the ACO is the Population Health arm of Memorial Hermann.

BANNER HEALTH   **Jun 2007—April 2016**

Chief Medical Officer
Banner Health Network - Phoenix, Arizona
Banner Health Network: 6000+ affiliated and employed providers, 15 hospitals, 600,000 at risk lives
Banner Health Network is the Value based arm of Banner Health. It began as an Accountable Care Organization, but has continued as a clinically integrated network of physicians (both independent and employed) that takes financial risk for members.

Matrix report to the Executive Vice President of Strategic Growth,
Dyad partner with CEO of Banner Health Network
Direct and Matrix Reports: 13
   Accountabilities:
- Transition the Banner Health delivery system to a model supporting clinically integrated care and population health
- Provide clinical oversight for all activities related to taking financial risk for the health of populations (Risk Adjustment Factor, Quality, Utilization)
- Lead the development and implementation of specialty High Value Networks/Academic Centers of Excellence
   Accomplishments:
- Highest aggregate savings of all Pioneer ACOs
- Over $500M in premium revenue coming into BHN
- Value based arrangements account for 10-20% of Banner Health Revenue
- Received URAC accreditation for Medical Management
- 4.5 STAR rating for Blue Advantage joint venture health plan

Member of the Banner Health Executive Leadership team:

- Develop and help implement innovative population health programs for members of the Banner Health Network

- Accountable for managing 600,000 financially at risk lives

- Accountable for managing clinical integration initiatives with employed and independent physicians within BHN, including the full continuum of care (hospital, ambulatory surgery center, post-acute facilities, home care, pharmacy services, Telehealth)

- Clinical leader accountable to the BHN Board of Directors for establishing and leading the appropriate clinical committees (credentialing, utilization management, clinical performance, member engagement, high value network) and participating on other committees within the board governance structure

- Clinical leader accountable for championing innovative third party payers and purchasers contracts, including full and partial risk capitation, bundled payments, shared savings arrangements, pay-for-performance, and general fee-for-service

- Serve as the clinical lead executive for new business opportunities in the areas of premium revenue growth, delivery system growth, product growth strategy and clinical integration and joint venture relationships.

- Serve on Banner Health's Strategic Initiative Advisory Council, developing new strategic and innovation initiatives to ensure Banner Health is moving toward industry leadership

- Executive champion for Banner Health Strategic Initiative *around improving the care reliability of patients with congestive heart failure*, at all 29 hospitals. Includes a 50% improvement in the performance of medication reconciliation and discharge follow up, resulting in lower readmissions to the hospital

Senior Medical Director
Banner Health Network - Phoenix, Arizona

Banner Health Network: 4000+ affiliated and employed providers, 15 hospitals, 600,000 at risk lives
Banner Health Network is the Value based arm of Banner Health. It began as an Accountable Care Organization, but has continued as a clinically integrated network of physicians (both independent and employed) that takes risk for members.

Matrix report to the Chief Executive Officer, Banner Health Network,
Dyad partner with Chief Operations Officer of Banner Health Network
Direct and Matrix Reports: 5
- Collaborate with Providers from 3 Medical Groups (AIP, BMG, BPHO)
- Ensure BHN/BPA Objectives are met
- Oversight over clinical programs including operational and clinical decision making

Medical Director
Banner Health Network - Phoenix, Arizona
Banner Health Network: 4000+ affiliated and employed providers, 15 hospitals, 600,000 at risk lives
Banner Health Network is the Value based arm of Banner Health. It began as an Accountable Care Organization, but has continued as a clinically integrated network of physicians (both independent and employed) that takes risk for members.

Matrix report to the Chief Executive Officer, Banner Health Network,
Dyad partner with Chief Operations Officer of Banner Health Network
Direct and Matrix Reports: 4
- Collaborate with Providers from 3 Medical Groups (AIP, BMG, BPHO)
- Ensure BHN/BPA Objectives are met
- Oversight over clinical programs including operational and clinical decision making

Projects:
- Emergency Department Escalation Avoidance Program
- BHN Care Continuum and Telehealth Center
- BHN Hospitalist Program
- Boswell Medical Neighborhood
- URAC Certification
- CMS Pioneer Accountable Care Organization
- Medical Management
- Chronic care member assessment and population management

Johnson & Johnson, Strategic Advisory Board   Nov 2017 – Present
- Appointed to the Johnson & Johnson, Strategic Advisory Board
- National Committee made up of select health care executive leaders from across the country
- Provides strategic guidance into technology, product offerings, and services

United Health Care, Health Care Executive Board   Jun 2016 – Present
- Appointed to the UHC, Health Care Executive Board
- National Committee made up of select health care executive leaders from across the country

Aetna National Physician Advisory Board   Oct 2015 – Present
- Appointed to the Aetna Physician Advisory Board
- National Committee made up of select physician leaders from across the country
- Charged with reviewing and approving Aetna Clinical Policies
- Reports to the Aetna Board of Directors

Cerner Population Health Advisory Board   Nov 2015 – Present
- Appointed to the Cerner Corporation Population Health Advisory Board
- National committee made up of select healthcare executives
- Charged with guiding the strategic direction of Cerner Corporation around population Health including the use of technology enabling tools

Chief Medical Officer   Jun 2013 – Apr 2014
Emergency Professional Services, Phoenix, Arizona

Emergency Professional Services:>100 providers, 2 states, independent Board of Directors
Emergency Professional Services is an independent Emergency Services Organization
   Hospitals/Facilities
- *Banner Good Samaritan Medical Center*
- *Banner Estrella Medical Center*
- *Banner Rapid Care Clinic*
- *Banner Ironwood Medical Center*
- *Banner Goldfield Medical Center*
- *Banner Page Hospital*

- As CMO negotiated hospital contracts, including stipends for services performed, negotiated payer contracts, negotiated billing and other vendor contracts, oversaw all clinical activities for all providers.

Arizona Governor's Council on Infectious Disease Preparedness and Response   Oct 2014- present
Appointed by Governor Jan Brewer to serve on committee to prepare state for Ebola and other emerging infectious disease threats.

Standing committee that meets twice a year to review emerging infectious threats to the citizens of the state of Arizona.

During the national Ebola outbreak developed processes and procedures to protect the citizens of Arizona

http://www.azdhs.gov/phs/oids/advisory-council/

Co-Chair of the Performance Improvement Leadership Council   Mar 14- Sept 14
Banner Good Samaritan Medical Center – Phoenix, Arizona

Helped develop and implement a performance excellence system built around six sigma and DMAIC methodology in the flagship academic hospital for Banner Health.
Developed both hospital executive governance structure as well as departmental structure to help achieve performance excellence goals.
Helped improve metrics including lower length of stay, improved on time surgical starts, lower supply chain costs, and reduced hospital associated complications

Vice-President – Business Development and Clinical Care Delivery   Sept 12 – Jun 13
Emergency Professional Services, Phoenix, Arizona

Emergency Physician   Aug 07 – Present
Emergency Professional Services, Phoenix, Arizona
          Banner Good Samaritan Medical Center
          Banner Estrella Medical Center
          Medlink Physician

          Board of Directors (2011 – Sept 2014)

Director- Banner Rapid Care Clinic   May 12 – Sept 14

Emergency Physician   Mar 10 – Jan 2015
          Maricopa Medical Center – District Medical Group

Health Net Quality Improvement Committee   Jan 13 – Mar 2014
          Committee Responsible for QI in Arizona, California, and Oregon
                    Resigned due to Banner Health Network Position

Health Net Arizona Peer Review Committee   Sept 13 – Mar 2014

Resigned due to Banner Health Network Position

Health Net Arizona Credentials Committee   Sept 13 – Mar 2014
Resigned due to Banner Health Network Position

Leadership Counsel   Sept 13 – Sept 14
Emergency Physician Insurance Program (independent Malpractice Captive)

Director
Emergency Medicine Simulation and Education Center   Mar 10 – Sept 12
Emergency Physician Insurance Program

Associate Residency Program Director/Faculty
Maricopa Medical Center Emergency Medicine Residency Program   Feb 09 – Mar 2014

Clinical Assistant Professor
University of Arizona College of Medicine   Mar 12 – Present

Simulation Director
Maricopa Medical Center Emergency Medicine Residency Program   Jun 09 – Mar 2014

EMedix, LLC – Founding member   Sept 10 – Mar 2014
Developed EMedix as a company serving to help educate Emergency Medicine
Providers on High Risk EM Topics

Ultrasound Director
Banner Good Samaritan Emergency Department   Jun 09 – Jul 10

Emergency Physician   Apr 07 – Aug 07
Kaiser Redwood City, Redwood City, California

EDUCATION & RESEARCH

Banner Health Advanced Leadership Program for Physicians   Jan 14 – Sept 14
Graduate of ALP program. Taught basics of finance, market forces, leadership
Tools and tactics, emotional intelligence

Masters of Science in Health Care Administration   Dec 13 – Present
Grand Canyon University

American Board of Emergency Medicine   July 2008
ABEM Board Certified in Emergency Medicine through **2018**

Residency Training in Emergency Medicine   Jun 04 – Jun 07
Stanford/Kaiser Emergency Medicine Program, Palo Alto, CA
Graduation: **June 2007**

Doctor of Medicine   Jul 00 – May 04
Mayo Medical School, Rochester, MN and Scottsdale, AZ
Graduated **May 04**

Bachelor of Arts   Aug 96 – Dec 99
University of Arizona, Tucson, AZ
Major: **Biochemistry**   Minor: **Management Information Systems**
With emphasis on database management and biological sciences

Faculty Researcher
Department of Emergency Medicine, Banner Good Samaritan Medical Center   Jun 09 – Sept 14
Studied methods of quality improvement and Emergency Department Efficiency:
- Quality Improvement: ED Throughput, Patient Satisfaction, Cost

Effectiveness of Common Diagnostics and Therapeutics
Areas of research – Quality Improvement

Resident Researcher   Jun 04 – Aug 07
Division of Emergency Medicine, Stanford/Kaiser Emergency Medicine
Studied methods of systematic review and quality improvement - projects include:
- Quality Improvement: Tele-radiology Over-read Retrospective Observational Study
- Meta-analysis – Evaluation of Electrocardiograms in Patients with Pacemakers having an Acute Myocardial Infarction- A Meta-analysis
Research mentor: James Quinn M.D.
Areas of research – Quality Improvement and Cardiology

Student Researcher   Jul 02 – May 04
Department of Emergency Medicine, Mayo Medical School
Studied methods of systematic review and survey research - projects include:
- Cochrane review -- *Interventions for Controlling Glucose in Acute Ischemic Stroke.*
- Meta-analysis -- *Neuron Specific Enolase as a Marker for Acute Ischemic Stroke*
- Survey of program directors regarding design of administrative curricula
Research mentor(s): Latha G. Stead, M.D., Annie T. Sadosty, M.D.
Areas of research – Acute Ischemic Stroke, Emergency Medicine Resident Education

Researcher   Aug 98 – May 00
Department of Surgery, University Medical Center, University of Arizona
Carried out toxicity testing on biomaterials, tensile strength testing of collagen fibers, and investigated liver preservation solutions
Research mentor: Judith B. Ulreich, Ph.D.
Areas of research – toxicology, transplant, orthopedics

PUBLICATIONS

Peer Reviewed Publications
- **Anand N**, Chan C, Wang NE. Cerebral Venous Thrombosis: A Case Report -Journal of Emergency Medicine. February 2009; 36(2): 132-7.

- **Anand N**, MD and C. Ganser (both BCC-P) contributed to an article on the topic of Accountable Care Organizations that will be submitted by Dr. Ronald O'Donnell titled "The Accountable Care Organization Results: Population Health Management and Quality Improvement Programs Associated with Increased Quality of Care and Decreased Utilization and Cost of Care" in *Family Medicine and Community Health* (2015; 3(1).

- **Anand N**, Stead LG, Meloy TD, Sadosty AT, Decker WW. Administrative Emergency Medicine: A Curriculum for Teaching Leadership, Management Skills to Residents. Ann. Beh Sci and Med Edu. Oct. 2003; 9(2):126-8.

- **Anand N**, Stead LG. Midgut volvulus. J. Emerg Med., October 2004. Volume 23. Issue 3. pgs 299-300.

- **Anand N** and Stead LG. Neuron-specific Enolase as a Marker for Acute Ischemic Stroke: A Systematic Review. Cerebrovascular Dieases, 2005;20:213-219.

- Anjali Bhagra, **Nishant Anand**, M. Fernanda Bellolio: A pulled muscle," - Aortic Dissection. The Internet Journal of Radiology. 2008. Volume 9 Number 1.

- Christian S, **Anand N**. A Pediatric Case of Guillain Barre Presenting with Nausea and Vomiting. Submitted to Pediatric Emergency Medicine. April 2010.

- Dommer P, Crismon H, **Anand N**, Kahol K, Harding S. Improving Cardiopulmonary Resuscitation Training with the Nintendo Wii. Annals of Emergency Medicine. Volume 56, Number 3, September 2010; 42.

- Green J, Schwartz A, **Anand N**, Wilkis A, Denny M, Glynn P, Gerkin Jr R. Development of a Real-Time Patient Satisfaction Survey for Emergency Departments. Annals of Emergency Medicine. Volume 58, Number 4, October 11.

- Lansburg JM, **Anand N**, Vasko R. Utilizing Real-Time Patient Satisfaction Data to Perform Service Recovery for Dissatisfied Patients Who Present to the Emergency Department. Annals of Emergency Medicine. Volume 60, Number 4, October 2012.

- Lansburg JM, Roque P, Debartolo, **Anand N**. Implementing a Diversion Clinic to Treat Lower-Acuity Emergency Department Patients and Provide Follow-Up Care. Annals of Emergency Medicine. Volume 62, Number 4, October 2013.

- Lansburg JM, Simpson C, **Anand N**. Determining the Effect of Provider Scribe Utilization on Patient Satisfaction in the Emergency Department. Accepted for Publication in Academic Emergency Medicine.

- Mudie D, **Anand N.** Teleradiology Over-read Retrospective Observational Study (TOROS). Western Journal of Emergency Medicine. Volume VIII, Number 3, August 2007; 101-102.

- Schwartz A, **Anand N**. Utilization of an Intake Model to Cope With Increasing Patient Volumes in the Emergency Department. Annals of Emergency Medicine. Volume 56, Number 3, September 2010; 50.

- Stead LG, Gilmore RM, **Anand N**, Weaver AL. Interventions for controlling hyperglycaemia in acute ischaemic stroke. Cochrane Database of Systematic Reviews 2006; (1).

- Stead LG, Gilmore RM, **Anand N**, Weaver AL. Interventions for controlling hyperglycaemia in acute ischaemic stroke. The Cochrane library 2005; 3.

- Stead LG, Gilmore RM, **Anand N**, Weaver AL. Interventions for controlling hyperglycaemia in acute ischaemic stroke. Cochrane Database of Systematic Reviews 2005; (4).

- Vaidyanathan L, **Anand N**, Stead LG, Boie ET, Sztajnkrycer MD, Goyal DG. Dobutamine-Induced Complete Heart Block. Southern Medical Journal. Sept. 9 2008.

- Wang NE, Chan C, **Anand N**, Dannenberg B. Considerations in the Management of Shock in the Pediatric Trauma Patient. Trauma Reports June 2006.

Abstracts

- **Anand N**, Stead LG: Neuron-Specific Enolase as a Marker for Acute Ischemic Stroke: A Systematic Review. Ann Emerg Med 2004: Vol 44: Number 4; supplement. Presented at ACEP Research Forum, October 2004, San Francisco.

- **Anand N**, Stead LG, Counselman FL, Coppola M, & Hayden SH: Needs Assessment of the Academic Emergency Medicine Community. Ann Emerg Med 2003: 10; supplement. Presented at ACEP Research Forum, October 2003, Boston.

- Denny M, **Anand N**. Utilization of a weight-based morphine administration protocol for patients who present to the ED in moderate to severe pain. Presented at AAEM Scientific Assembly, Feb 2012, San Diego.

- Dommer P, Crismon H, **Anand N**, Kahol K, Harding S. Improving Cardiopulmonary Resuscitation Training with the Nintendo Wii. Presented at ACEP Research Forum, September 2010, Las Vegas.

- Green J, Schwartz A, **Anand N**, Wilkis A, Denny M, Glynn P, Gerkin Jr R. Development of a Real-Time Patient Satisfaction Survey for Emergency Departments. Presented at ACEP Scientific Assembly, October 2011, San Francisco.

- Lansburg JM, **Anand N**, Vasko R. Utilizing Real-Time Patient Satisfaction Data to Perform Service Recovery for Dissatisfied Patients Who Present to the Emergency Department. Presented at ACEP Scientific Assembly, October 2012, Denver.

- Lansburg JM, Roque P, Debartolo, **Anand N**. Implementing a Diversion Clinic to Treat Lower-Acuity Emergency Department Patients and Provide Follow-Up Care. Presented at ACEP Scientific Assembly, October 2013, Seattle.

- Lansburg JM, Simpson C, **Anand N**. Determining the Effect of Provider Scribe Utilization on Patient Satisfaction in the Emergency Department. Presented at AAEM Scientific Assembly, Feb 2013, Las Vegas.

- Mudie D, **Anand N**. Teleradiology Over-Read Retrospective Observational Study. Presented at SAEM Western Regional, March 2007, Portland.

- Roque P, **Anand N.** Cost Analysis of Pulmonary Embolism Rule-Out Criteria (PERC) with Directed Physician Feedback. Presented at AAEM, Feb 2014, New York.

- Schwartz A, **Anand N**. Predictors of patient satisfaction from a real time patient satisfaction survey.

Presented at AAEM Scientific Assembly, Feb 2012, San Diego.

- Schwartz A, **Anand N**. Utilization of an Intake Model to Cope With Increasing Patient Volumes in the Emergency Department. Presented at ACEP Research Forum, September 2010, Las Vegas.

- Schwartz A, **Anand N**. Utilization of an iPad to Obtain Real-Time, Actionable Patient Satisfaction Data. Presented at Academic Excellence Day, May 2011, Phoenix.

- "Intravital microscopic examination of the protective effects of dimethyl sulfoxide on hepatic sinusoids following ischemia/reperfusion". Center for Toxicology Southwest Environmental Health Sciences Center Science Fair, Tucson, Arizona. Spring 2000.

- "Hepatic Ischemia/Reperfusion Injury Reduced by Dimethyl Sulfoxide." 39th Annual Meeting of the Society of Toxicology, Philadelphia, PA. Spring 2000.

Books & Book Chapters
- Medical student editor. Stead LG, Stead SM & Kaufman MS: First aid for the Surgery Clerkship. New York, NY: McGraw Hill Companies, Health Professions Division. July 2003.

- Immunology chapter in: Stead LG, Stead SM & Kaufman MS: First aid for the Pediatrics Clerkship. New York, NY: McGraw Hill Companies, Health Professions Division. October 2003.

- Editor/ Co-author. Introduction to the Biological Sciences Laboratory, Arizona State University. May 1997 – August 1997

TEACHING EXPERIENCE

Lectures
- Hospital Association of San Diego : Population Health: Banner Health Networks Perspective
- HDMS (Aetna) Conference in San Diego : Use of Data and Analytics to Drive Provider Performance
- Premier Alliance National Conference : Physicians Leading Care Redesign Efforts
- The Academy: Population Health Updates
- Performance Improvement/ Performance Excellence – Banner Good Samaritan Medical Staff Retreat
- Shock and an Introduction to the Management of Sepsis
- Assessment of the Cardiovascular Patient
- Pediatric Emergencies
- Management of Cardiovascular Emergencies
- Electrocardiographic Monitoring
- Dysrhythmias
- Managing angina, myocardial infarction, congestive heart failure, cardiac tamponade
- Managing hypertensive emergencies, cardiogenic shock, cardiac arrest, peripheral vascular emergencies
- Genital emergencies
- Dislocations and subluxations
- Epidural abscess

Apollo Hospital, Hyderabad, India   **2006**
>   Helped instruct the first formally trained group of intermediate level EMS personnel in India

Trauma Course Planner, Rochester, MN   **2003**
>   Coordinated course of trauma skills for Mayo Medical Students

Teaching Assistant for General Biochemistry, Tucson, AZ   **1999**
>   Responsibilities included planning review sessions and being available for group review sessions during office hours. Under supervision of Marc E. Tischler, Ph.D. and Gordon Tollin, Ph.D.at University of Arizona

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AWARDS & ACTIVITIES

Awards

- Dec 2014: CMMI SIM Grant – Part of Arizona State Delegation that was able to obtain $2.5M development grant to improve behavioral health care for the state of Arizona
- Nov 2013: Westmarc, "Best of the West: Excellence in Innovation": Honorable Mention
- Sept 2013: Banner Estrella Medical Center, "Top Doc Award"
- Sept 2013: EPIP Patient Satisfaction Award, Cumulative Score 95% NRC Picker
- July 2013: American Idol in Medicine, Banner Estrella Medical Center, AIM Team Member

- July 2013: Banner Medical Group Best Clinic Award. Banner Rapid Care Clinic.
- June 2010: Impact Award. Maricopa Medical Emergency Medicine Residency
- October 2009: STAR Team Member of the Month
- June 2007: Highest In-service Exam Score
- June 2007: Highest Clinical Competency
- April 2004: Excellence in Emergency Medicine Award sponsored by SAEM
- 2004: Hoffman Scholarship – Work with underserved population
- 2003: Frankel Scholarship
- 2000 - 2003: Hartz Foundation Scholarship
- 2000: Mitchell Student Scholarship
- 1999: Phi Beta Kappa National Honor Society
- 1996: Arizona State University: Scholarship Award
- 1996: University of Arizona President's Award of Excellence

Activities

•	Blue Advantage Quality Improvement Committee	Sept 14
•	Banner Plan Administration Quality Committee Chairman	Aug 14
•	Banner Health Network Care Management Committee Chairman	April 2014
•	Banner Health Network Credentialing Committee Chairman	May 2014
•	Banner Health Emergency Department Service Line	Feb 2014
	o Advisory Council	
	o Lead of ACO/Data Analytics/EMS Team	
•	Banner Health Emergency Medicine Facility Based Optimization	Dec 2013
	o ED Workflow and staffing	
•	Banner Health Emergency Medicine Discipline Committee	July 2013
•	Banner Health Emergency Medicine Clinical Consensus Committee	Nov 2012
•	Implemented Acute Pain Protocol for Banner Health	Sept 2012
•	Developed Patient Ambassador Program for Banner Good Samaritan Medical Center	August 2011
•	EMedix Conference: Improving Outcomes through Education – Conference Director	March 2011
•	EPS LLSA Review Course	March 2010
•	EPIP Spring Risk Conference – Ultrasound instructor	June 2010
•	EPIP Spring Risk Conference – Co-director	June 2010
•	EPIP New Physician Hire Orientation – Director	August 2010
•	EPIP Fall Risk Conference – Director	Nov 2010

Societies and Memberships

2010 – Present	Graduate Medical Education Committee, Banner Good Samaritan Medical Center
2010 – Present	Chair of the EPIP Education Committee
2009 – Present	Society for Simulation in Healthcare
2009 – Present	Academic Steering Committee
2009 – Present	Promotions Committee
2008 – 2011	Discern Alerts Committee
2008 – 2011	Infectious Disease Sepsis Sub-group
2007 – 2010	Banner Estrella Code STEMI Committee
2007 – 2010	Banner Estrella Sepsis Committee
2007 – 2009	Banner Good Samaritan Sepsis Committee
2006 – 2007	Stanford Hospital Sepsis Committee
2003 – Present	American College of Emergency Physicians
2003 – 2004	President, Emergency Medicine Interest Group
2000 – 2004	Member, Clinical Experiences Curriculum Committee, Mayo Medical School

Certifications

- PROSCI Change Management
- Advanced Trauma Life Support (ATLS)
- Advanced Cardiac Life Support (ACLS)
- Pediatrics Advanced Life Support (PALS)

- Ultrasound – Certified in FAST, OB, Gallbladder

License

Texas State Medical License – Active
Arizona State Medical License - Active