

Yue Xie, PhD

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Summary:

- Former CFO, built startup acute care hospital and responsible for Finance, IT, Supply Chain, Revenue Cycle, Patient Access, Medical Records, etc.
- Member, CAHME Healthcare Quality and Safety Certification Standards Committee
- Research interests: healthcare finance, HIT, workforce, quality and safety, etc.
- Teaching experience: graduate and undergraduate level health administration courses

Education:

University of Texas, School of Public Health - Doctor of Philosophy (PhD), May 2012. Major: Healthcare Management. Minor: Health Policy. Dissertation: The Relationship Between Hospital Financial Performance and IT Integration Strategy Selection

Massachusetts Institute of Technology - Master of Engineering (MEng) in Logistics and Supply Chain Management, June 2006. Thesis: Supply Chain Automation and the Effect on Clinician Satisfaction and Patient Care Quality in the Hospital Setting (Thesis Award Finalist)

Tulane University - Master of Health Administration (MHA), 1st in class, May 1997; Foster G. McGaw/AUPHA Award, ACHE (National) Foster G. McGaw Scholarship (1996)

University of Miami - Bachelor of Business Administration (BBA), Finance, Cum Laude, May 1994; University of Miami School of Business Academic Excellence Award

Professional Certifications:

DNV NIAHO Certified Hospital Accreditation Auditor (9/2011)
DNV ISO 9001:2008 Quality Management System Certification (9/2011)
Oracle University Certifications: Oracle Projects, Oracle Grants, SQL (1999-2000)

Academic Experience:

Department of Population Health, Sam Houston State University

Assistant Professor (tenure-track), Graduate Program Coordinator for Master of Science in Health Care Quality & Safety. August 2015 - Present

Developed and managed the new online healthcare quality and safety graduate program since 2015. Serving on CAHME certification standards committee overseeing the development of standards for program certification. Developed and taught new courses in health administration, healthcare finance and economics, among others. Initiated institutional internship agreements and coordinated the placement of students.

Department of Public Health, University of Southern Mississippi

Assistant Professor (tenure-track), Health Administration, Policy August 2012 – May 2015

Courses taught in graduate and undergraduate health administration programs:

DPH 347	Foundations of Healthcare Marketing	Undergraduate
DPH 428	Intro to Healthcare Organizations	Undergraduate

DPH 457	Healthcare Finance	Undergraduate
DPH 433	Healthcare Planning (Capstone)	Undergraduate
DPH 625	Health Administration	Graduate
DPH 626	Introduction to Health Systems	Graduate
DPH 737	Healthcare Organizational Behavior	Graduate

Student Evaluation Average Spring 2014 (3 courses): 4.58/5

Student Evaluation Average Fall 2014 (3 courses): 4.69/5

Executive Education Program Development (Consultant)

Developed an executive Health Information Management (HIM) graduate program curriculum with Master degree and certificate components. Curriculum timeline was established along with contents, objectives and competencies for 11 courses. Summer 2014. Pending board approval

Research Grants:

Co-principle investigator: Perception of Cancer Research Among College Students. SHSU Enhanced Research Grant. May, 2017; \$15,000.

Co-principal investigator: Mississippi State Department of Health award for ARRA funding evaluation for primary care clinician retention; February 2013; \$30,000.

Principal investigator: Mississippi Public Health Institute award for mental health facilities tobacco use policies survey; August 2013; \$7,500.

Project consultant: NIH National Library of Medicine award for public health informatics competencies assessment and course development; August 2013; \$20,000.

Publication in Refereed Journals:

Scarborough, A, Xie, Y, & Shelton, S. (2017) Parental Guidance Required: How Parents Could Help Reduce the Shortage of Minority Physician Assistants. *Journal of Physician Assistant Education*. 28(3):153-155.

Xie, Y. (2015). Cost-Effectiveness of Robotic Surgery in Gynecologic Oncology. *Current Opinion in Obstetrics and Gynecology*, 27(1), 73-6. **(selected as Editor's Choice, 2015)**

Yu, X., Xie, Y., Pan, X., Mayfield-Johnson, S., Whipple, J., & Azadbakht, E. (2015). Community Outreach: A Case of Needs Assessment for Building a Graduate Public Health Informatics Course in Mississippi. *Journal of Medical Library Association*. 103(4), 194-197.

Edited Book Chapters:

Xie, Y. (2017). The "Benefits of Smoking". In Jiang, X, & Liu, B. (Ed.), *Our Scientific Culture: Politics in Science*. Shanghai, China: Shanghai JiaoTong University Press.

Xie, Y. (2008). Healthcare Supply Chain Automation. In Felder, R., Alwan, M., & Zhang, M. (Ed.), *Systems Engineering Approach to Medical Automation*. Norwood, MA: Artech House.

Shieh, C., Gardiner, P., Morrison, S., Xie, Y., Sun, W., & Swann, M. (2007). Clean Space. In *2007 ASHRAE Handbook, Heating Ventilating, and Air-Conditioning Applications*. Atlanta, GA: American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.

Articles Accepted For Publication in refereed Journals:

Ratnapradipa, D., Cardinal, C., Ratnapradipa, K., Scarbrough, A., & Xie, Y. Implications of Hurricane Harvey on environmental health in Harris County, Texas. *Journal of Environmental Health*.

Articles Submitted to refereed journals:

Brown, S, Xie, Y, & Scarbrough, A. "Pre-post Release Health in U.S. Adult Male Convicts"

Technical Reports:

Xie, Y., Newman, R. (2014). *An Assessment of Tobacco Policies Among Mississippi's Inpatient Behavioral Health and Substance Abuse Treatment Facilities*. Report prepared for the Mississippi State Department of Health Office of Tobacco Control and Mississippi Public Health Institute.

Arrington, A., Fasting, D., Xie, Y. (2013). *ARRA-Funded Clinician Impact and Retention Evaluation Study*. Report prepared for the Mississippi Office of Rural Health and Primary Care, Mississippi State Department of Health.

Yu, X. & Xie, Y. (2013). *Mississippi Public Health Professional Information Access Survey: Analysis Report*. Prepared for the Mississippi Public Health Professional Association, December 16, 2013.

Invited International Conference Presentations:

Xie, Y. (2015). Improving U.S. Healthcare Quality & Safety. 1st Annual SHSU-UNIBE International Health Sciences Conference. San Jose, Costa Rica. September 22, 2015.

Xie, Y. (2013). *HPV Vaccination & Social Media*. Invited presenter at the 2013 Pujiang International Symposium of Gynecologic Oncology, Shanghai, China. December 2013

Invited National and Regional Conference Presentations:

Xie, Y, Scarbrough, A, & Shelton, S. (2017). Parental Involvement in Reducing Minority Physician Assistant Labor Force Shortage – A Study. Texas Society of Allied Health Professions 2017 Conference; September 21, 2017.

Xie, Y. (2015). The Evolving Healthcare Reimbursement Landscape: Increased Focus of Quality and Cost in a New Era. Healthcare Financial Management Association (HFMA) Texas Gulf Coast Chapter. July 17, 2015.

Choi, H., Xie, Y., Arrington, A. (2015). A Study of the Relationship Between Primary Care Workforce and Obesity Prevalence Rates in Mississippi. Mississippi Academy of Sciences Seventy-ninth Annual Meeting. February 26-27, 2015.

Yu, X., Xie, Y., Whipple, J., Mayfield-Johnson, S., & Ezbarkat, E. (2014). A collaborative project: Creating an informatics curriculum. Paper presented at the Southern Chapter/Medical Library Association Annual Meeting in Mobile, AL, October 28, 2014.

Yu, X., Xie, Y., Mayfield-Johnson, S. & Whipple, J. (2014). An update on *Strengthening the 21st Century public health informatics: Outreach to the future public health professionals at the University of Southern Mississippi*. Presented at the National Network/Libraries of Medicine the Southeastern/ Atlantic Region Beyond SEA Webinar Series on April 16, 2014. 33%.

Xie, Y. (1999). *Realize the Potential of Oracle Grants Management Project Status Inquiry*.
Paper presented at Oracle Applications Users Group, Fall 1999

Xie, Y. & Sameer, S. (1999). *Oracle Grants Management Billing Extension and Modifications*.
Paper presented at Oracle Applications Users Group, Spring 1999

Poster Sessions:

Xie, Y., Fastring, D.R., Arrington, A. (2014). Rural Mississippi clinician shortage and challenges to effective Affordable Care Act implementation: A GIS perspective. Poster presentation at the Mississippi Public Health Association, Jackson, MS, September 3, 2014. 33%.

Xie, Y., Fastring, D.R., Arrington, A. (2014). Trends in the primary healthcare workforce 2008-2012: Preparing for ACA implementation. Poster presentation at Mississippi Rural Health Association Annual Conference, Jackson, MS, September 25, 2014. 33% contribution.

Yu, X., Xie, Y., Johnson, S. & Whipple, J. (2013). Information needs of public health information professionals. Poster presented at the South Central/Medical Library Association Conference, Ridgeland, MS, October 19. 33% contribution.

Yu, X., Xie, Y., Johnson, S. & Whipple, J. (2013). Information needs of future public health professionals. Poster presented at the University of Southern Mississippi Research Day, November 8. 33% contribution.

Green, S., Keus, P., Knowlton, K., Chin, S., Kaufman, L., Xie, Y., & Bennett, N. (2007). "Improving Charge Capture Operations". Poster Award Winner at the 2007 American College of Healthcare Executives Congress

Peer Reviewer:

Journal of Texas Public Health Association 2017 Reviewer
American Medical Informatics Association 2016 Symposium Reviewer
American Medical Informatics Association 2015 Symposium Reviewer
American Medical Informatics Association 2014 Symposium Reviewer

Administrative Duties and Service

Search committee member for department chair position AY2016-2017
Search committee member for 2 tenure/tenure-track faculty positions AY2015-2016
College Awards Committee AY2015 - current
Chair, search committees for 2 Assistant Professors of Health Education, AY2013-2014
Chair, search committees for 3 Instructors of Public Health, AY2013-14
Responsible for major component of CEPH accreditation – criterion 2.7 assessment procedures, including generating alumni and employer surveys and analyses of results. AY2013 - 2015

Non-Academic Professional Experience:

Independent Consultant

July 2003 – Present

Provided management and technology consulting services to clients in multiple industries and different countries; depending on the scope of the engagement, responsible for activities

covering entire project lifecycle including: pre-implementation assessments, cost-benefit analyses, strategy formulations, project management, change management, functional design, technical design supervision, design validation, and end user management; additional expertise in sales consulting, contract/work scope formulation and negotiation. Clients include:

University of Texas at Tyler • Shanghai Children's Medical Center (SCMC, China) • Harvard Pilgrim Health Care • George Washington University • University of Virginia • Lahey Clinic (Boston) • New York City School Construction Authority • Richardson Independent School District (Texas) • AZZ Incorporated (engineering/manufacturing, Texas) • University of Alabama at Birmingham • Emerson Process Management • ADT Security Services

Project highlight:

SCMC Joint Commission accreditation consulting – successfully guided client, a class 3A hospital, to initial accreditation

CFO, St. Luke's Sugar Land Hospital; Sr. Management Consultant, St. Luke's Episcopal Health System, Houston, TX **Jul 2006 – Apr 2009**

As the CFO of a \$100 million general acute joint venture start-up hospital, responsible for the establishment of and on-going operations in the areas of Finance, IT, Materials Management, contract negotiation and management, Patient Access/Business Office, Patient Financial Services, Medical Records, Medical Staff Services, etc. with extensive expertise in:

- establishing and operating hospital IT systems and processes (hardware and software)
- establishing and operating hospital revenue cycle processes including:
 - business office/patient access processes, managed care contracts, chargemasters, charge capture, etc.
- managing hospital capital and operating budgets
- managing hospital supply chain operations
- managing hospital accreditation process (TJC deemed status within 24 days of open)
- medical staff credentialing process (250+ physicians at start)
- clinical and non-clinical service and equipment contract negotiations and management
- managing all phases of hospital opening

As Senior Management Consultant, lead consultant, responsible for managing enterprise-wide (6-hospital system) strategic, financial, and operational projects that increased market share, increased charge capture revenue, enhanced physician relationships, and increased overall productivity.

Principal Consultant, Senior Instructor, Oracle Corp., CA **December 1999 – June 2003**

As *Principal Consultant*, responsible for managing project scope, tasks, and timelines along with managing functional teams, guiding clients, junior consultants, and provide system implementation and support services including business process re-engineering, system setup, system testing, conversion, technical design specifications, post implementation support, troubleshooting, and client education; as *Senior Instructor*, taught CPA CPE credit certified courses to a variety of executives, consultants, implementation teams, and end users in multiple industries across the globe; clients include:

- Peace Corps • Research Foundation of State University of New York • PaineWebber • Motorola • Qualcomm • Dialogic (Intel) • Fingerhut • GE Aircraft Engine • ONEOK (utility) • Sabre • Telcordia (network) • Terracon (construction) • Pillowtex (textile)

System Analyst, Tulane Accounting Management System Implementation Team (TAMS), Tulane University, New Orleans, LA. January 1998 –November 1999

- Implemented Oracle Applications 10.7 sc Project/Grants Accounting, and Receivables
- Carried out full lifecycle implementation responsibilities including analysis, functional and technical design, setup, testing, trouble shoot, and end user help desk support
- Authored and presented whitepapers at multiple conferences

Health Systems Specialist, Graduate Fellow, Office of the Director, San Francisco Veterans Affairs (VA) Medical Center, San Francisco, CA July 1997 – December 1997

Managed and carried out special projects under the offices of the Director (CEO) and the CFO; responsible for various facets of medical-center-wide financial and operational management including budgeting (\$150 million), forecasting, operational analyses, cost-benefit analyses, resources management, and special project management duties (COTR).

Other Experiences:

Graduate Teaching Assistant, IT Instructor, IT support, Master Tutor, Tele-Marketing

Language and Technical Skills:

English: Native; Mandarin Chinese (中文国语): Native; Spanish: basic
Enterprise systems (Oracle, PeopleSoft); Microsoft Office, SQL, MS Projects, Visio, and more

Selected Honors & Activities:

Presidential recognition for contribution to student success, 3/20/2015, University of Southern Mississippi
Editor's Choice selection for the published article, "Cost-effectiveness of robotic surgery in gynecologic oncology" 2015
Faculty Advisor, Health Administration Student Association, 2013 - 2015
Moderator, Healthcare Reform Conference, OPEN-Houston.org, 2011
2007 ACHE Conference Poster Award: Improving Charge Capture Operations, Green, S. et al.
MIT MLOG Thesis Award Finalist, 2006
MIT Center for Transportation & Logistics Fellowship, 2005 - 2006
Foster G. McGaw Award, 1st in class, AUPHA & Tulane University, 1997
Foster G. McGaw Scholarship, American College of Healthcare Executives (National), 1996
Treasurer, Tulane School of Public Health Student Government, 1996 - 1997
Beta Gamma Sigma National Honor Society, 1994
Golden Key National Honor Society, 1993
Phi Theta Kappa National Honor Society, 1990
University of Miami School of Business Academic Excellence Award, 1994
Member, American College of Healthcare Executives
Member, Healthcare Financial Management Association
Member, Mississippi Rural Health Association 2012-2015
Member, Texas Association for Healthcare Quality