

Yu SHYR



Harold L. Moses Chair in Cancer Research
Chairman, Department of Biostatistics
Director, Vanderbilt Center for Quantitative Sciences
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Professor of Biostatistics, Biomedical Informatics,
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EDUCATION

- B.B. in Statistics, Tamkang University, Taiwan (1985).
- M.S. in Statistics, Michigan State University, U.S. (1989).
- Ph.D. in Biostatistics, University of Michigan, U.S. (1994).

PROFESSIONAL POSITIONS

- Harold L. Moses Chair in Cancer Research, Vanderbilt University Medical Center (2013 - present)
- Chairman, Department of Biostatistics, Vanderbilt University Medical Center (2017 - present)
- Director, Vanderbilt Center for Quantitative Sciences (2011 - present)
- Director, Vanderbilt Technologies for Advanced Genomics Analysis and Research Design (2012 - present)
- Associate Director for Quantitative Sciences Integration, Vanderbilt-Ingram Cancer Center 2009 - present)
- Professor, Department of Biostatistics, Vanderbilt University Medical Center (2003 - present)
- Professor, Department of Biomedical Informatics, Vanderbilt University Medical Center (2011 - present)
- Professor, Department of Health Policy, Vanderbilt University Medical Center (2013 - present)
- Director, Biostatistics Core, Breast Cancer SPORE, Vanderbilt University Medical Center (2003 - present)
- Director, Quantitative Sciences Shared Resource, Vanderbilt-Ingram Cancer Center (2014 - present)
- Visiting Distinguished Chair Professor, Department of Statistics, National Cheng Kung University (2014 - present)

RESEARCH INTERESTS

- Developing novel data science methods, especially high dimensional data analysis and experimental design.
- Applied advanced data science methods in modern molecular biology: genomics and proteomics research.

HONORS & AWARDS

- Vanderbilt University School of Medicine Master of Science in Clinical Investigation Program Excellence in Teaching Award, (2002, 2003, 2004).
- Endowed Professorship: Ingram Professor of Cancer Research, (2003).
- Invited Keynote Speaker of Biostatistics and Bioinformatics Workshop in High-Dimensional Data Analysis, Taipei, Taiwan (2008).
- Distinguished Alumni Award of Department of Statistics, Tamkang University, (2008).
- American Statistical Association, Fellow, (2010).
- Invited Keynote Speaker, Japan Symposium on Innovation in Medical Research and Ethical Challenges, Tokyo, Japan, (2010).
- Highest Rated Lecture, AACR/ASCO Workshop Methods in Clinical Cancer Research, Vail, CO, (2010, 2012, 2013, 2014, 2016).
- Invited Keynote Speaker, International Conference on Applied Statistics, Taipei, Taiwan, (2011).
- Scientific Review Committee Award for Exceptional Service and Dedication, Vanderbilt-Ingram Cancer Center, (2011).
- Jacek Hawiger Award for Teaching Graduate Students and Postdoctoral Fellows in the Classroom, Lecture, or SmallGroup Setting, Vanderbilt University, (2012).
- Academy for Excellence in Teaching: Member, Vanderbilt University, (2013).
- Harold L. Moses Chair in Cancer Research, (2013).
- Gold Eagle Distinguished Alumni Award, Tamkang University, (2015).
- Merrill J. Egoring Outstanding Mentor Award, AACR/ASCO Workshop Methods in Clinical Cancer Research, Vail, CO, (2016).
- American Association for the Advancement of Science (AAAS), Elected Fellow, (2016).
- Outstanding Reviewer of Cancer (top 2% of reviewers), (2015-2018).
- Outstanding Biostatistician Mentor Award, ECCO-AACR-EORTC-ESMO Workshop on Methods in Clinical Cancer Research, (2018).
- Mr. Chang Wen Bao Honor Lecture Award, (2018).
- Invited Keynote Speaker, The 111th Formosan Medical Association - Taiwan Medical Week, Taipei, Taiwan, (2018).
- Honorary Doctoral Degree, National Cheng Kung University, Tainan, Taiwan, (2018).
- Invited Keynote Speaker, Supercomputing Asia 2019 Conference, Singapore, (2019).