# Dr. Yonggao Yang

## Education

- Ph.D., Information System, George Mason University, 2002
- Ph.D., Electrical Engineering, Southwest Jiaotong University, 1998
- MS, Computer Science, Southwest Jiaotong University, 1987
- BS, Computer Science, Southwest Jiaotong University, 1984

## Academic experience

- Prairie View A&M University; Professor; Department Head; 2014-present; Full time
- Prairie View A&M University; Associate Professor; Interim Department Head; 2009-2013; Full time
- Prairie View A&M University; Assistant Professor; 2002-2008; Full time
- Southwest Jiaotong University; Assistant Professor; 1990-1997; Full time

## Non-academic experience

- National Academy of Science; Summer Intern; International Organization; 1998; Part-time
- Google Inc.; Faculty-in-Resident summer program; 2017 Summer

## Certifications or professional registrations

- *ABET Program Evaluator Certification*

## Current membership in professional organizations

- Institute of Electrical and Electronics Engineers (IEEE)
- ACM Special Interest Group on Computer Graphics (SIGGRAPH)

## Honors and awards

- None

## Service activities (within and outside of the institution)

- ABET Program Evaluator
- PVAMU Information Technology Governance Committee Member
- PVAMU Faculty-Student Innovation and Invention Committee Member

## Most important publication and presentations from the past five years

- **Y. Yang** and R. Ren, and P. Johnson, "Design and Implementation of a Livestock Disease Management System – VetLink," *IEEE Potentials, Vol. 39, No. 2, March/April, 2020, pp. 28-34.*
- P. Johnson, **Y. Yang,** and others, "An Innovative New Approach to Animal Care," IEEE Global Humanitarian Technology Conference (GHTC), 2018.
- David Zhou, **Y. Yang**, and H. Yan, "A Smart Virtual Eye Mobile System for the Visually Impaired", *IEEE Potentials Nov./Dec. 2016.*
- **Y. Yang** and L. Li, "A smart sensor system for air quality monitoring and massive data collection," *Proc. International Conference on ICT convergence 2015*, Oct. 27-30, 2015.
- **Y. Yang**, etc., "Design and Implementation of a Remote Resident Power Monitor and Control System," *IEEE Potentials; July/August 2015, Vol.34, No.4, pp.19-23.*
- **Y. Yang** and L. Li, "Design and Implement a Smart e-Receptionist," *IEEE Potentials*, Vol. 32, No. 4, July/August 2013, pp. 22-27.
- **Y. Yang,** X. Wang, and L. Li, "Use Mobile Devices to Wirelessly Operate Computers," *International Journal of Technology and Human Interaction (IJTHI),* Vol. 9, No. 1, January-March 2013, pp. 64-77.
- **Y. Yang** and L. Li, "Expose Engineering Students to Renewable Energy Science and Experiment Intelligent Energy Supply Control System," *American Journal of Engineering Education*, 2013.

## Most recent professional development activities

- Attended 2019 ABET Symposium, April 10, 2019, Dallas, Texas
- Attended 2019 National Cyber Summit, June 5-7, Huntsville, Alabama
- Attended 2018 SIGGRAPH Asia, Dec. 4-7, Tokyo, Japan
- Attended 2018 ABET Symposium, April 11-14, San Diego, CA
- Attended 2017 ABET Symposium, April 20, Baltimore, MD
- Attended 2016 ABET Symposium, April 13, 2016, Hollywood, Florida.
- Attended 2016 Freshmen Research Initiative (FRI) conference, March 2, Austin, Texas.
- Attended 2015 International Conference on ICT Convergence, Oct. 2015, Jeju, Korea.
- Attended 2015 SIGCSE Conference, March 4, 2015, Kansas City, MO.