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**Education**

Purdue University (Ph. D. in Engineering Education) West Lafayette, Indiana, US	May 2013
Purdue University (M.S. in Biomedical Engineering) West Lafayette, Indiana, US	Dec 2008
Chinese Academy of Sciences (M.S. in Optics) Shanghai, China	July 2006
East China Normal University (B.S. in Physics) Shanghai, China	July 2003

Research and Teaching Positions

Associate Professor, Graduate School of Education, SJTU	2017-Now
Assistant Professor, Graduate School of Education, SJTU	2013-2016
Research Assistant, School of Engineering Education, Purdue University	2009-2013
Teaching Assistant, the Graduate School, Purdue University	2010-2012
Faculty Apprentice, School of Engineering Education, Purdue University	2012

Chaired Projects

The International Learning Experiences and Learning Outcomes Measurement: Constructing a Working Pathway Analysis Model, PI: **Jiabin Zhu**. *Liberal Arts-Science Interdisciplinary Fund, Shanghai Jiao Tong University* No. 15JCMY05, 2015

Leadership Development for Engineering Students, PI: **Jiabin Zhu**. *Humanities and Social Science Program, Ministry of Education* No. 15YJC880147, 2015

The Impact of Teaching Innovations on Engineering Students' Cognitive Development, PI: **Jiabin Zhu**. *Shanghai Philosophy and Social Science Program*, No. 2014JJY003, 2014

Selected Awards

- Shanghai Pujiang Talents**, Shanghai Science and Technology Committee, China 2014
- Best Dissertation Award**, School of Engineering Education, Purdue University, U.S. 2013
- Outstanding Graduate Student Research Award**, College of Engineering, Purdue University, IN, U.S. 2013
- Bilsland Dissertation Fellowship Award**, Purdue University, IN, U.S. 2012
- Best Graduate Student Paper Award**, Graduate Studies Division, American Society for Engineering Education Annual Conference, U.S. 2012
- Bilsland Strategic Initiatives Fellowship Award**, Purdue University, IN, U.S. 2012

Selected Publications

Journal Articles

- Zhu, J.**, Cox M.F. (2015) Epistemological Development Profiles among Chinese Engineering Doctoral Students in U.S. Institutions: An Application of Perry's Theory. *Journal of Engineering Education* 104, 345-362 (SSCI and SCI indexed)
- Zhu, J.**, Li, Y., Cox, M.F., London, J., Hahn, J., and Ahn, B. (2013). Validation of a survey for graduate teaching assistants: Translating theory to practice. *Journal of Engineering Education*, 102, 426-443. (SSCI and SCI indexed)
- Zhu, J.**, Liu, Q., Cox M.F. (2016) An Empirical Study of Chinese Engineering Doctoral Students' Epistemological Development in U.S. Institutions: Applying Personal Epistemological Developmental Theory to Engineering Education Practice, *Research in Higher Education of Engineering* 2016 (1) (In Chinese) (CSSCI indexed)
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- Zhu, J.**, Van der Wende, M., Jiang, X. (2016) Challenges and Strategies for Chinese Higher Education in the Age of Globalization – A Qualitative Study. *Research on Education Tsinghua University* 2016 (3) (In Chinese) (CSSCI indexed)
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- Liu, Q., **Zhu, J.** (2015) A Comparative Study on European Engineering Master's Training Standards. *Academic Degrees and Graduate Education*, 2015(10), 71-77 (In Chinese). (CSSCI indexed)
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77)

Besterfield, M.B., Cox, M.F., Borrego, M.J., Beddoes, K., & **Zhu, J.** (2015). Changing Engineering Education: Views of U.S. Faculty, Chairs, and Deans, *Journal of Engineering Education*, 103, 193-219.

Cox, M. F., **Zhu, J.**, Cekic, O., Chavela, R, and London, J. (2010). Knowledge or feelings: First-year students' perceptions of graduate teaching assistants in engineering. *The Journal of Faculty Development*, 24, 27-34.

Book/Book Chapters

Zhu, J. (2016) Understanding Chinese Engineering Doctoral Students in U.S. Institutions: A personal epistemology perspective. In the series of *East-West Crosscurrents in Higher Education*. Springer Singapore. (eBook available at <http://www.springer.com/us/book/9789811011351>)

Zhu, J., Yang, B., Liu, Q., Chen, B, (2015) International Summer Programs: An Innovative Learning Platform in a Chinese Context. In Joan A. Rhodes and Tammy M. Milby (Ed.) *Advancing Teacher Education and Curriculum Development through Study Abroad Programs*. IGI Global.

Cox, M.F., **Zhu, J.**, London, J., Hahn, J., and Ahn, B. (2012). Feedback about graduate teaching assistants' pedagogical practices: Content validation of a survey informed from principles of the "How People Learn" framework. In Greta Gorsuch (Ed.), *Working theories for teaching assistant and international teaching assistant development*. Stillwater, OK: New Forums Press.

Cox, M.F., **Zhu, J.**, Lynch, C., & Adams, S.G. (2012). Aligning the Ph.D. and Mentoring Experiences of U.S. Underrepresented Minority Students in Engineering. In S.D. Myers & C. W. Anderson (Eds.), *Dimensions in mentoring: A continuum of practice from beginning teachers to teacher leaders*. Sense Publishers.

Refereed Conference or Symposium Proceedings

Hu Yu., **Zhu, J.** (2016). Engineering Leadership: An Explorative Qualitative Study Based on the Four Capabilities Model. *2016 Proceedings of the ASEE International Forum*.

Liu Q., **Zhu, J.** (2015). Impact of international collaborative engineering education upon the epistemological development of Chinese engineering students. *2015 Proceedings of the Annual American Society for Engineering Education*.

Liu Q., **Zhu, J.** (2015). Summer courses as a platform for international collaboration in Chinese higher education: An Exploration of Students' Learning Experiences. *2015 Proceedings of the ASEE International Forum*.

Zhu, J. Liu Q., Cox, M.F. (2014). Applying self-authorship theory among Chinese engineering doctoral students in U.S. institutions, *2014 Proceedings of the Annual American Society for Engineering Education*.

Zhu, J., Cox M. F., Branch S., Ahn, B. and London, J. (2013). Recommendations for Engineering Doctoral Education. *IEEE Frontiers in Education Conference*.

Zhu, J., Cox, M.F., & Lynch, C. (2012). Mentoring of Underrepresented Minority Scholars in the Reinvigorating Engineering and Changing History (REACH) Program and the AGEP Program: Development of Interactive Learning Modules. *2012 Proceedings of the American Society for Engineering Education*.

Zhu, J., Lynch, C. & Cox, M.F. (2012). Facilitating Graduate Students' Professional Development: Implementation and Evaluation of Learning Activities. *2012 Proceedings of the American Society for Engineering Education*.

Lynch, C., **Zhu, J.**, & Cox, M. F. (2012). Exploring the Diversity in Faculty Careers: Formative and Summative Assessment in a Preparing Future Faculty Course. *2012 Proceedings of the American Society for Engineering Education*.

Zhu, J., & Cox, M.F. (2012). Epistemological Development of Chinese Engineering Doctoral Students in the U.S. Institutions: A Comparison of Multiple Measurement Methods. *2012 Proceedings of the American Society for Engineering Education*.

Cox, M.F., **Zhu, J.**, Ahn, B., Torres-Ayala, A., & Ramane, K. (2012). Recommendations for Promoting Desirable Characteristics in Engineering Ph.D.s: Perspectives from Industry and Academia. *2012 Proceedings of the American Society for Engineering Education*.

Cox, M.F., London, J.S., Ahn, B., **Zhu, J.**, Torres-Ayala, A.T., Frazier, S., & Cekic, O. (2011) Attributes of Success for Engineering Ph.D.s: Perspectives from Academia and Industry, *2011 Proceedings of the American Society for Engineering Education*.

Lynch, C., **Zhu, J.**, & Cox, M.F. (2011). Smoothing the Transition: Design, Implementation and Assessment of a "Preparing Future Professional" Course for Graduate Students, *2011 Proceedings of the American Society for Engineering Education*.

Zhu, J., Cox, M.F., Evangelou, D., Lynch, C., Fentiman, A.W., & Dunston, P. (2011). Experiences of Scholars in the Reinvigorating Engineering and Changing History Program: A Case Study of the First Graduate Student Cohort, *2011 Proceedings of the American Society for Engineering Education*.

Cox, M.F., **Zhu, J.**, Ahn, B., London, J.S., Frazier, S., Torres-Ayala, A.T., Chavela, Rocio. (2011). Choices for Ph.D.s in Engineering: Analyses of Career Paths in Academia and Industry. *2011 Proceedings of the American Society for Engineering Education*.

Zhu, J., Cox, M.F., Adams, SG, Alternative Models of Assessment for 21st Century Engineering Doctoral Students, 2011 *Australasian Association for Engineering Education (AaEE) Annual Conference & Exposition in Fremantle, Western Australia*.

Cekic, O., Cox, M.F., & **Zhu, J.** (2010). Industry Participation in the Development of Engineers as Leaders in Work Environments, *2010 Proceedings of the American Society for Engineering Education*.

Zhu, J., Hicks, J., Cox, M.F., Cekic, O., & Chavela, R., Experiences of Graduate Teaching Assistants in Engineering Laboratories: Content Analysis Using the "How People Learn" Framework, *2010 Proceedings of the American Society for Engineering Education*.