

Yingzi Zhang PhD, RN
Assistant Professor
585-705-0291
yingzi_zhang@urmc.rochester.edu

EDUCATION

- 2020 **Postdoctoral Fellow, Nursing**
University of Rochester School of Nursing, Rochester NY
Advisor: Sally Norton, PhD, RN, FNAP, FPCN, FAAN
- 2018 **PhD, Nursing**
University of Wisconsin-Madison, School of Nursing, Madison, Wisconsin
Dissertation title: Feasibility Study of an Uncertainty Management Intervention for Patient-Partner Dyads undergoing Chemotherapy
Advisor: Kristine Kwekkeboom, PhD, RN, FAAN
- 2010 **MS, Nursing**
Wuhan University, School of Nursing, China
Advisor: Marcia Petrini, PhD, RN, FAAN
- 2008 **BS, Nursing**
Wuhan University, School of Nursing, China

PROFESSIONAL APPOINTMENT

- 2020-current Assistant Professor, *tenure track*
University of Rochester School of Nursing, NY
- 2012- 2017 Project Assistant, University of Wisconsin-Madison School of Nursing, WI
- 2010-2012 Instructor, Wuhan University, School of Nursing, China
- 2008-2010 Teaching assistant, Wuhan University, School of Nursing, China

AWARDS & SCHOLARSHIPS

- 2020 Oncology Nursing Foundation Research Intensive Appointee
- 2020 Harvard Research Methods in Supportive Oncology Appointee (NCI R25)
- 2017 Wisconsin Distinguished Graduate Fellow
- 2016 Excellent Alumni Award, Wuhan University, School of Nursing
- 2016 Vilas Conference Presentation Funding, University of Wisconsin-Madison
- 2016 Eckburg Research Award, University of Wisconsin-Madison, School of Nursing
- 2012 Biological Sciences Scholar Award, University of Wisconsin-Madison, Graduate School
- 2011 Third class prize for teaching competition, Wuhan University, School of Nursing
- 2010 First class scholarship for graduate student, Wuhan University
- 2007 "Outstanding student", First class scholarship, Wuhan University
- 2006 "Outstanding student", Third class scholarship, Wuhan University

RESEARCH

RESEARCH EXPERIENCE

01/2020- current

Role: PI

Project title: Refinement and Pilot Testing of Couple-Based Uncertainty Management Intervention for Patients with Gynecological Cancer and Their Partners

05/2016 – 08/2018 University of Wisconsin-Madison, School of Nursing

Role: PI

Project title: Feasibility Study of an Uncertainty Management Intervention for Patient-Partner Dyads Experiencing Breast Cancer” (Ph.D. Dissertation)

09/2012 – 06/2017 University of Wisconsin-Madison, School of Nursing

Role: Project Assistant

Project title: A Brief Patient-Controlled Intervention for a Symptom Cluster in Advanced Cancer

PI: Kristine Kwekkeboom, PhD, RN, FAAN

08/2009 – 06/2010 Wuhan University, School of Nursing, China

Role: Student Investigator

Project title: Uncertainty, Self-Efficacy, and Self-Care Behaviors in Patients with Breast Cancer Undergoing Chemotherapy (Master’s degree thesis)

09/2007 – 06/2008 Wuhan University, School of Nursing, China

Role: Student Investigator

Project title: The Common Problems and Strategies Of Nursing Graduating Thesis In Self-Learning Students (Bachelor’s degree thesis)

RESEARCH FUNDING

1/2020-1/2022 \$25,000

Oncology Nursing Foundation Research Grant (RE01)

Project title: Refinement and Pilot Testing of Couple-Based Uncertainty Management Intervention for Patients with Gynecological Cancer and Their Partners

Role: PI

5/2016 – 12/2017 \$3,300

University of Wisconsin-Madison, School of Nursing, Eckburg Dissertation Award

Project title: Feasibility Study of an Uncertainty Management Intervention (UMI) for Patient-Partner Dyads undergoing Chemotherapy

Role: PI

PUBLICATIONS

1. **Zhang, Y.** Mohile, S., Culakova, E., Norton, S., Loh, K.P., Kadambi, S., et al. (2022). The shared uncertainty experience of older adults with advanced cancer and their caregivers. *Psycho-oncology*, 1-9 doi: 10.1002/pon.5895.
2. Verduzco-Aguirre, H., Babu, D., Mohile, S., Bautista, j., Xu, H, Culakova, E., Canin, B., **Zhang, Y.** et al. (2021). Associations of uncertainty with psychological health and quality of life in older adults with advanced cancer. *Journal of Pain and Symptom Management*, 61(2), 369-376. doi: 10.1016/j.jpainsymman.2020.08.012
3. **Zhang, Y.** & Kwekkeboom, K (2020). Feasibility study of an uncertainty management intervention for patient-partner dyads undergoing cancer treatment. *Oncology Nursing Forum*, 47(5): 595-608. doi: 10.1188/20.onf.595-608.
4. **Zhang, Y.**, Kwekkeboom, K., Kim, K., Loring, S., & Weiben, A. (2020). Systematic review and meta-analysis of psychosocial uncertainty management interventions. *Nursing Research*, 69(1), 3-12. doi: 10.1097/NNR.0000000000000368.
5. Kwekkeboom, K., **Zhang, Y.**, Campbell, T., Cleary, J., Coe, C. L., Costanzo, E., Serlin, R. C., & Ward, S. E. (2018). Randomized controlled trial of a brief cognitive behavioral intervention for the cancer pain, fatigue, and sleep disturbance symptom cluster. *Psycho-oncology*, 26(12), 2761-2769. doi: 10.1002/pon.4883
6. **Zhang, Y.** (2018). Family functioning in the context of an adult family member with illness: A concept analysis. *Journal of Clinical Nursing*, 27(15-16), 3205-3224. doi: 10.1111/jocn.14500
7. Kwekkeboom, K., Tostrud, L., Costanzo, E., Coe, C. L., Serlin, R. C., Ward, S. E., & **Zhang, Y.** (2018). The role of inflammation in the pain, fatigue, sleep disturbance symptom cluster in advanced cancer. *Journal of Pain and Symptom Management*, 55(5),1286-1295. doi: 10.1016/j.jpainsymman.2018.01.008
8. **Zhang, Y.** (2017). Uncertainty in illness: Theory review, application, and extension. *Oncology Nursing Forum*, 44(6), 645-649. doi: 10.1188/17.ONF.645-649
9. **Zhang, Y.**, Kwekkeboom, K., & Petrini, M. (2015). Uncertainty, self-efficacy, and self-care behaviors in patients with breast cancer undergoing chemotherapy in China. *Cancer Nursing*, 38(3), E19-26. doi: 10.1097/NCC.0000000000000165

Manuscripts in Progress

1. Zhang, Y. A systematic review of mHealth intervention for family members affected by cancer. Manuscript in development.

BOOK CHAPTER

1. Bailey, D. E. Jr., & **Zhang, Y.** (2022). Uncertainty in Illness Theory. In Alligood. M. R., Editor (10th Eds.), *Nursing Theorists and Their Work*. St. Louis, MO: Elsevier.

PRESENTATIONS

1. **Zhang, Y., et al.** (2022). Couples' experience of uncertainty in facing gynecological cancer. Poster presentation at the 2022 Oncology Nursing Society Congress, Anaheim, CA.
2. **Zhang, Y.** Norton, S., Mohile, S., Culakova, E. Loh, K.P., & Flannery, M. (2020). The

- effects of uncertainty and emotional distress on quality of life in patients with advanced cancer and their family caregivers: testing dyadic relationship using Actor-Partner Interdependent Model. Oral presentation at the 2020 Oncology Nursing Society Congress, San Antonio, TX (Published).
3. Babu, D., Loh, K.P., Bautista, J., Xu, H., Culakova, E., Canin, B., Conlin, A., Bearden, J., Berenberg, J., **Zhang, Y.**, Wells, M., Epstein, R., Dale, W., Duberstein, P., Mohile, S., Tejani, M. (2019). Associations of uncertainty with psychological status and quality of life (QoL) among 527 older patients with advanced cancer. Poster was presented at the 2019 American Society of Clinical Oncology (ASCO) Annual Meeting, Chicago, Illinois. (Published)
 4. **Zhang, Y.** & Kwekkeboom, K. (2019). Feasibility Study of an Uncertainty Management Intervention for Patient-Partner Dyads Undergoing Cancer Treatment. Poster was presented at the annual conference of the Eastern Nursing Research Society, Providence, RI
 5. Kim, K. S., **Zhang, Y.** & Kwekkeboom, K. (2018, September). Influence of Baseline Pain Severity and Baseline Pain-related Distress in a Symptom Management Intervention Study. Poster was presented at the 17th World Congress on Pain (IASP), Boston, MA.
 6. **Zhang, Y.** & Kwekkeboom, K. (2018, April). Patient-partner Congruence of Uncertainty in Illness and its Effect on Dyadic Coping in Breast Cancer. Poster was presented at the annual conference of the Midwest Nursing Research Society, Cleveland, OH.
 7. Kwekkeboom, K., **Zhang, Y.**, Loring, S., Kim, K. S., Serlin, R. C., & Ward, S. (2018, February). A Brief Cognitive-Behavioral Intervention Partly Improves Stress, Outcome Expectancy, Perceived Control, and Quality of Life for Advanced Cancer Patients with Pain, Fatigue, and Sleep Disturbance. Poster was presented at the annual conference of the American Psychosocial Oncology Society, Tucson, AZ.
 8. Kwekkeboom, K., Ward, S. E., Campell, T. C., Serlin, R., **Zhang, Y.** (2017, May). Changes in Stress, Outcome Expectancy, and Symptom Cluster Severity Predict Numeric but not Verbal Ratings of Patient Global Impression of Change after a Cognitive-behavioral Intervention for Cancer Pain, Fatigue and Sleep Disturbance. Poster presented at the annual scientific meeting of the American Pain Society, Pittsburgh, PA. (Published)
 9. **Zhang, Y.** & Kwekkeboom, K. (2017, April). Intolerance of Uncertainty, Uncertainty in Illness, and Information Needs in Patients with Breast Cancer and Their Partners. Poster presented at the annual conference of the Midwest Nursing Research Society, Minneapolis, MN.
 10. Loring, S. **Zhang, Y.**, & Kwekkeboom, K. (2017, April). Inflammation and Depression in Advanced Cancer Patients with a Pain, Fatigue, and Sleep Disturbance Symptom Cluster. Poster presented at the annual conference of the American Psychosocial Oncology Society, Orlando, FL. (Published)
 11. Loring, S. **Zhang, Y.**, & Kwekkeboom, K. (2017, April). Inflammation and Depression in Advanced Cancer Patients with a Pain, Fatigue, and Sleep Disturbance Symptom Cluster. Poster presented at the annual conference of the Midwest Nursing Research Society, Minneapolis, MN.
 12. **Zhang, Y.** & Kwekkeboom, K. (2017, February). Intolerance of Uncertainty, Uncertainty in Illness, and Information Needs in Patients with Breast Cancer and Their Partners.

Poster presented at the annual conference of the American Psychosocial Oncology Society, Orlando, FL. (Published)

13. Kwekkeboom, K., **Zhang, Y.** & Loring, S. (2016, October). A Brief Intervention for Co-Occurring Pain, Fatigue, and Sleep Disturbance in Advanced Cancer. Poster presented at the symposium of the Wisconsin Nursing Association, Madison, WI.
14. **Zhang, Y.** & Kwekkeboom, K. (2016, March). Stress, Symptom Distress, Mood, and Quality of Life in the Context of a Cancer Symptom Cluster. Symposia presented at the annual conference of the Midwest Nursing Research Society, Milwaukee. WI.
15. Kwekkeboom, K. & **Zhang, Y.** (2016, March). Multimorbidity and the Symptom Experience in Persons Receiving Treatment for Advanced Cancer. Poster presented at the annual conference of the Midwest Nursing Research Society, Milwaukee. WI.
16. **Zhang, Y.** (2015, April). Family Functioning in the Context of an Adult Family Member with Illness: A Concept Analysis. Poster presented at the annual conference of the Midwest Nursing Research Society, Indianapolis, IN.
17. **Zhang, Y.** (2015, August). Family Functioning in the Context of an Adult Family Member with Illness: A Concept Analysis. Symposia presented at the 12th International Family Nursing Conference, Odense, Denmark.
18. Yang, B., Wang, A., **Zhang, Y.** & Zhang, J. (2011, September). Application and Effects of Simulation in Undergraduates' Comprehensive Course of Nursing. Symposia presented at the Simhealth 2011 conference, Sydney, Australia.

TEACHING

- | | |
|-----------|---|
| 2020-2022 | Dyadic Data Analysis in NUR512
Guest lecturer, University of Rochester, School of Nursing |
| 2010-2012 | Theory courses taught: Physical examination and health assessment (in Chinese & English) Nursing planning and Implementation (with a focus on adult nursing
Preceptor in clinics: general surgical departments
Instructor, Wuhan University, School of Nursing, China |
| 2009-2010 | Lab Instructor, Physical examination and health assessment
Teaching Assistant, Wuhan University, School of Nursing, China |

PEER-REVIEW SERVICES

- Journal reviewer: European Journal of Cancer Care
 Journal reviewer: Western Journal of Nursing Research
 Journal reviewer: Journal of Geriatric Oncology
 Journal reviewer: Acta Oncologica
 Journal reviewer: Psycho-oncology
 Research rewards & abstract reviewer: Midwest Nursing Research Society
 Abstract reviewer: Eastern Nursing Research Society

COMITTE SERVICE

- 2021 Member, Senior Administrator Search Committee, University of Rochester, NY

- 2017 - 2018 Student representative: Graduate Programs Committee, University of Wisconsin Madison, School of Nursing
- 2010 - 2012 Faculty representative: Undergraduate Program Committee, Wuhan University, School of Nursing
- 2008 - 2010 Student representative: Master Program Committee, Wuhan University, School of Nursing
- 2008 - 2010 Student representative: Master Students Council, Wuhan University, School of Nursing & School of Medicine

ADDITIONAL TRAINING

- 2020 Harvard Medical School Workshop on Research Methods in Supportive Oncology
- 2019 Dyadic data analysis, Michigan State University
- 2019 Decision analysis and cost-effectiveness research, University of Rochester
- 2019 Qualitative and mix-method research, University of Rochester
- 2017 Bias training, University of Wisconsin-Madison
- 2017 Research mentoring training, University of Wisconsin-Madison

PROFESSIONAL MEMBERSHIPS

- 2019 - present Sigma Theta Tau's Epsilon Xi chapter
- 2018 - present Eastern Nursing Research Society
- 2016 - present American Psychosocial Oncology Society
- 2016 - present Oncology Nursing Society
- 2015 - present International Family Nursing Association
- 2013 - present Midwest Nursing Research Society

LICENSE

- Registered Nurse, US
- Registered Nurse, China