

Curriculum Vitae

Yoon Soo Park, PhD

Professor and Department Head
The Ilene B. Harris Endowed Professor
Department of Medical Education
University of Illinois College of Medicine

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EDUCATION

Ph.D. Measurement, Evaluation, and Statistics
Columbia University, New York, NY

M.S. Applied Statistics
Columbia University, New York, NY

B.A. Mathematics and Japanese (High Honors), *magna cum laude*
Colgate University, Hamilton, NY

PROFESSIONAL EXPERIENCES

University of Illinois College of Medicine

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|----------------|---|
| 2023 – present | The Ilene B. Harris Endowed Professor of Medical Education,
University of Illinois College of Medicine, Chicago, IL |
| 2023 – present | Department Head, Department of Medical Education, University of
Illinois College of Medicine, Chicago, IL |
| 2023 – present | Professor (2023 – present), Associate Professor (2017 – 2023),
Assistant Professor (2012 – 2017), Department of Medical Education,
University of Illinois College of Medicine, Chicago, IL |
| 2018 – present | Director of Research, Office of Educational Affairs, University of
Illinois College of Medicine, Chicago, IL |
| 2019 – 2020 | Acting Director of Graduate Studies, Department of Medical
Education, University of Illinois College of Medicine, Chicago, IL |

2018 – 2023 **Associate Head**, Department of Medical Education, University of Illinois College of Medicine, Chicago, IL

Adjunct or Past Professional Appointments

2020 – 2023 **Adjunct Professor**, Massachusetts General Hospital (MGH) Institute of Health Professions, Boston, MA

2020 – 2023 **Adjunct Associate Professor**, Department of Global Community Health and Behavioral Sciences, School of Public Health and Tropical Medicine, Tulane University, New Orleans, LA

2020 – 2021 **Director of Health Professions Education Research and Associate Professor**, Massachusetts General Hospital, Harvard Medical School, Boston, MA

2017 – 2018 **Kimitaka Kaga Visiting Professor**, International Research Center for Medical Education, Graduate School of Medicine, University of Tokyo, Tokyo, Japan

2015 – 2023 **Affiliated Faculty**, Department of Curriculum and Instruction, College of Education, University of Illinois at Chicago, Chicago, IL

2015 – 2020 **Adjunct Research Assistant Professor**, College of Global Public Health, New York University, New York, NY

2013 – 2020 **Affiliated Researcher**, Consortium on Chicago School Research, Urban Education Institute, University of Chicago, Chicago, IL

2013 – 2015 **Adjunct Associate Research Scholar**, National Center for Disaster Preparedness, Earth Institute, Columbia University, New York, NY

2011 – 2012 **Senior Research Project Manager**, Research & Development, Educational Testing Service, Princeton, NJ

RESEARCH INTERESTS

Data Science and Learning Analytics, Artificial Intelligence and Machine Learning in Education, Psychometrics and Measurement, Statistical Modeling of Psychological and Social Processes, Disaster and Recovery Research, Assessment Methods

PROFESSIONAL SERVICE

Professional Society / Association

American Educational Research Association (AERA)

- 2023 – present **Co-Chair, Assessment Community**, American Educational Research Association (AERA), Division I: Education in the Professions
- 2018 – present **Research Committee**, American Educational Research Association
- 2017 – 2024 **Vice President** (Incoming Vice President: 2017-2018; Vice President: 2018 – 2021; Immediate-Past Vice President: 2021 – 2024), American Educational Research Association (AERA), Division I: Education in the Professions
- 2016 – 2017 **Program Chair**, American Educational Research Association (AERA), Division I (April 2017 AERA Annual Meeting)

Association of American Medical Colleges (AAMC)

- 2018 – 2021 **Chair, Research in Medical Education** (Incoming Chair: 2018-2019; Chair: 2019-2020; Past-Chair: 2020-2021), Association of American Medical Colleges (AAMC)
- 2016 – 2018 **Member, Research in Medical Education** (RIME; elected 3-year service), Association of American Medical Colleges (AAMC)

Accreditation Council for Graduate Medical Education (ACGME)

- 2023 – present **Research Advisory Committee**, Accreditation Council for Graduate Medical Education (ACGME)

American College of Surgeons (ACS)

- 2023 – present **Lead Psychometrician**, Senior Resident Readiness Assessment (SRRA), Division of Education, American College of Surgeons (ACS)
- 2012 – present **Lead Psychometrician**, Entering Resident Readiness Assessment (ERRA), Division of Education, American College of Surgeons (ACS)

Society of Directors of Research in Medical Education (SDRME)

- 2020 – present **Regular Member**, Society of Directors of Research in Medical Education (SDRME)

2020 – 2021 **Program Planning Committee**, Society of Directors of Research in Medical Education (SDRME)

American College of Emergency Physicians (ACEP)

2019 – 2023 **Data Scientist**, Physicians Evaluation and Education Review (PEER), American College of Emergency Physicians (ACEP)

Directors of Clinical Skills Courses (DOCS)

2015 – 2017 **Lead Psychometrician**, Directors of Clinical Skills Courses (DOCS)

Editorial Roles and Review Committees

2022 – present **Consulting Statistical Editor** (2022 – present), *Academic Medicine*
Assistant Editor (2020 – 2022), *Academic Medicine*

2021 – 2023 **Associate Editor**, *Advances in Health Sciences Education*

2020 – present **Associate Editor**, *Perspectives on Medical Education*

2020 – present **Editorial Board Member**, *Springer Book Series in Innovation and Change in Professional Education*

2016 – present **Editorial Board Member**, *Frontiers in Applied Mathematics and Statistics*

2016 – present **Editorial Board Member**, *Frontiers in Psychology*

2016 – present **External Reviewer**, *Research in Clinical Assessment Grant*, Medical Council of Canada

2016 – present Reviewer, *Methodology, Measurement, and Statistics (MMS) Program*, National Science Foundation (NSF)

2015 – present **Editorial Board Member**, *Advances in Simulation*

2015 – present Reviewer, *Group on Educational Affairs (GEA) National Grant Program*, Association of American Medical Colleges

2014 – present **Editorial Board Member**, *Teaching and Learning in Medicine*

2013 – 2017 Member, Grants and Research Committee, Association of Standardized Patient Educators (ASPE)

GRANT/CONTRACT AWARDS

Active Grants/Contracts

- ³⁵ **Park, Y. S.**, Curry, R. A., Heiman, H., Cheung, J., Santen, S. A., Hogan, S., Ryan, M. & Holmboe, E. 8/1/2023 – 7/31/2025
National Board of Medical Examiners (NBME) – *The Edward J. Stemmler Medical Education Research Fund*
“Aligning Medical School Assessments with Residency Milestones as Educational Outcomes: Multisite Consortium Study”
Role: Principal Investigator
- ³⁴ **Park, Y. S.**, Marvin, R., & Tekian, A. 4/1/2023 – 3/31/2025
American Board of Psychiatry and Neurology (ABPN) – *Research Award*
“Leveraging Holistic Selection of Psychiatry Residents to Evaluate Professionalism Competencies: A Multisite Collaborative Study of the Psychiatry Educational Assessment Research and Learning (PEARL) Consortium”
Role: Principal Investigator
- ³³ **Park, Y. S.** 11/1/2022 – 12/31/2023
American Medical Association (AMA) – *Reimagining Residency Grant Evaluation*
“The Reimagining Residency Analytics for Evaluation”
Role: Principal Investigator
- ³² **Park, Y. S.** 10/1/2022 – 12/31/2023
Accreditation Council for Graduate Medical Education (ACGME)
“Evaluating the ACGME Milestones”
Role: Principal Investigator
- ³¹ **Park, Y. S.**, & Abramson, D.A. 10/1/2022 – 9/30/2024
National Institutes of Aging (NIA), National Institutes of Health (NIH)
“The Successful Aging in a Time of Wildfires” (1R56AG072567-01A1; R56)
Role: Site PI
- ³⁰ Kiser, R. Park, C., Binns-Calvey, A., & **Park, Y. S.** 3/1/2022 – 2/28/2024
Association of Standardized Patient Educators (ASPE) – *Research Award*
“Off Script: Implementing Rehearsal Methods to Enhance Engagement in Standardized Patient Encounters”
Role: Statistician
- ²⁹ **Park, Y. S.**, Marvin, R., & Tekian, A. 4/1/2020 – 3/31/2024
American Board of Psychiatry and Neurology (ABPN) – *Research Award*
“Developing Practice-Based Research Networks in Psychiatry Education to Advance the Validity of Assessment Systems for Entrustable Professional Activities.”
Role: Principal Investigator

Completed Grants/Contracts

- ²⁸ Bond, W. F., Yudkowsky, R., Bhat, S., & **Park, Y. S.** 7/1/2021 – 6/30/2024
National Board of Medical Examiners (NBME) – *The Edward J. Stemmler Medical Education Research Fund*
“Automated Assessment of Written Chart Notes: Generating Reliable, Timely, and Useful Feedback”
Role: Psychometrician
- ²⁷ Smith, B., **Park, Y. S.**, Holmboe, E., Hamstra, S., Yamazaki, K., Leith, E., Tekian A., & Brooke, B. S. 7/1/2020 – 6/30/2023
National Board of Medical Examiners (NBME) – *The Edward J. Stemmler Medical Education Research Fund*
“Predicting Physicians’ Patient Care Outcomes in Practice Using the ACGME Milestones Assessment Data in Training”
Role: Co-Investigator
- ²⁶ **Park, Y. S.** 8/1/2019 – 12/31/2020
United Nations Education Commission – *The Education Workforce Initiative*
“Evaluating Teaching Effectiveness: High-Touch High-Tech Adaptive Learning Analytics Project in Vietnam”
Role: Principal Investigator
- ²⁵ Sachdeva, A. K., Stefanidis, D., Rush, R. M., Aggarwal, R., Blair, P., & **Park, Y. S.** 8/1/2019 – 3/31/2020
Department of Defense (DoD, Award W81XWH-14-C-0101)
“Advanced Modular Manikin™ Study”
Role: Statistician (American College of Surgeons – Subcontract Award)
- ²⁴ Hirshfield, L. E., **Park, Y. S.**, Underman, K. 7/1/2019 – 6/30/2021
National Board of Medical Examiners (NBME) – *The Edward J. Stemmler Medical Education Research Fund*
“Standardized Patient Assessment of Communication Skills: A standardized examinee audit study of gendered and racial differences.”
Role: Co-Investigator
- ²³ Schwartz, A., & **Park, Y. S.**, Hamstra, S., Schumacher, D., Mink, R., & Carraccio, C. 7/1/2019 – 6/30/2020
Association of American Medical Colleges (AAMC)
“Comparison of Approaches to Modeling Competency-Based Assessment Data”
Role: Co-Investigator
- ²² **Park, Y. S.**, Marvin, R., & Tekian, A. 4/1/2018 – 3/31/2020
American Board of Psychiatry and Neurology (ABPN) – *Research Award*
“Evaluating the Validity of Assessment Systems in Psychiatry Residency

Programs.”

Role: Principal Investigator

- ²¹ Abramson, D. A., Peek, L., & **Park, Y. S.**, 7/1/2015 – 6/30/2020
National Institutes of Health (NIH)
“Demographic and Health Disparities in Recovery from Hurricane Katrina: Katrina@10” (1P01HD082032-01A1; P01, R01)
Role: Co-Investigator
- ²⁰ Sufian, S., Michel, J., Hyderi, A., & **Park, Y. S.**, 1/1/2018 – 12/31/2019
National Endowment for the Humanities (NEH) – *Grant Award*
“Human Story of Illness: Health Humanities Portraits for Physicians in Training.”
Role: Assessment Specialist
- ¹⁹ Bond, W. F., Mischler, M. J., Lynch, T. J., Aiyer, M., Taylor, J. T., Mahale, D. N. & McGarvey, J., & **Park, Y. S.** 1/1/2019 – 12/31/2019
University of Illinois–College of Medicine at Peoria
“Phase II: Use of Interactive Intelligent Avatar-Based Simulation Cases to Learn High Value Care”
Role: Co-Investigator
- ¹⁸ Sullivan, M., Sachdeva, A., Bordage, G., & **Park, Y. S.**, 1/1/2013 – 6/30/2019
American College of Surgeons (ACS) – *American College of Surgeons – Entering Resident Readiness Assessment (ACS-ERRA)*
“Development and validation of the ACS-ERRA examination”
Role: Co-Principal Investigator
- ¹⁷ Skochelak, S., **Park, Y. S.**, & Dekhtyar, M. 10/1/2017 – 5/31/2019
American Medical Association (AMA) and Marcus Foundation – *Research Award*
“Evaluation of a Virtual Interactive Platform in Enhancing Diagnostic Reasoning and Improving Diagnostic Accuracy”
Role: Co-Investigator
- ¹⁶ Bond, W. F., Mischler, M. J., Lynch, T. J., Aiyer, M., Taylor, J. T., Mahale, D. N. & **Park, Y. S.** 1/1/2018 – 12/31/2018
University of Illinois–College of Medicine at Peoria –*Dean’s Innovation Award in Medical Student Education*
“Use of Interactive Intelligent Avatar-Based Simulation to Learn High Value Care”
Role: Co-Investigator
- ¹⁵ Damewood, R., Sachdeva, A., Blair, P., & **Park, Y. S.**, 7/1/2015 – 5/31/2017
American College of Surgeons (Prime), Accreditation Council for Graduate Medical Education, Association of Program Directors in Surgery
“Fix the FIVE Project”
Role: Co-Principal Investigator

- ¹⁴ Abramson, D., Peek, L., van Alst, D., Findley, P., & **Park, Y. S.**, 6/1/2014 – 6/30/2015
New Jersey Department of Health – *Social Services Block Grant*
“*Sandy child and family health study*”
Role: Statistician
- ¹³ Yang, E. B., **Park, Y. S.**, Lee, M. A., & Lee, I. H. 3/1/2014 – 12/31/2014
National Health Personnel Licensing Examination Board, Republic of Korea –
Research Grant Award
“*Investigating the impact of test item disclosure for the Korean Medical Licensing Examination*”
Role: Co-Principal Investigator
- ¹² Park, C. H., Kang, T. H., Kim, K. S., Park, H. K., & **Park, Y. S.**, 1/1/2014 – 12/31/2014
National Health Personnel Licensing Examination Board, Republic of Korea –
Research Grant Award
“*Reliability estimation for clinical skills licensing performance examination*”
Role: Co-Principal Investigator
- ¹¹ Mema, B., **Park, Y. S.**, & Mylopoulos, M., 1/1/2014 – 12/31/2014
University of Toronto – *Pediatric Consultant’s Education Research Grant*
“*Rehearsal vs. Premier – Chest tube skills from simulation to bedside*”
Role: Co- Investigator
- ¹⁰ **Park, Y. S.**, 6/15/2013 – 12/31/2014
Educational Testing Service (ETS) – *Focus Observer Proficiency Assessment Research project*
“*Examining the underlying factorial structure of the 2011 Teachscape Focus Observer Proficiency Assessment*”
Role: Principal Investigator
- ⁹ Abramson, D., & **Park, Y. S.**, 1/1/2013 – 3/31/2014
Save the Children – *Community and State Child-Focused Emergency Preparedness Assessment Tools*
“*Support for Save the Children’s resilient and ready communities initiative*”
Role: Co-Principal Investigator
- ⁸ **Park, Y. S.**, 1/1/2013 – 12/31/2013
Association of Standardized Patient Educators (ASPE) – *Research Project Award*
“*Investigating psychometric properties of scoring based on live interaction and videotaped observation: Focusing on communication and interpersonal skills*”
Role: Principal Investigator
- ⁷ **Park, Y. S.**, 5/15/2012 – 12/31/2013
Educational Testing Service (ETS) – *Framework for Teaching Proficiency System*
“*An examination of the relationship among FfTPS test sections: A testlet analysis*”
Role: Principal Investigator

- ⁶ **Park, Y. S.**, 5/15/2012 – 12/31/2013
Bill & Melinda Gates Foundation – *Measures for Effective Teaching (MET)*
“Examining rater effects of perceptual differences and differential rater functioning on the accuracy of scoring observations in teaching effectiveness”
Role: Subcontract Principal Investigator
- ⁵ Bashook, P., & **Park, Y. S.**, 1/1/2013 – 6/30/2013
Royal College of Dentists of Canada (RCDC)
“Psychometric analysis of the RCDC periodontics and orthodontics exams”
Role: Co-Principal Investigator
- ⁴ **Park, Y. S.**, 3/29/2012 – 5/31/2013
New Jersey State Department of Education (Clowder Consulting subcontract)
“Psychometric services on the observation of teaching practice”
Role: Subcontract Principal Investigator
- ³ **Park, Y. S.**, 3/1/2012 – 8/30/2012
New York State Department of Health (joint with Columbia University)
“Psychometric properties of the evacuation decision support tool”
Role: Principal Investigator
- ² Song, M.-Y., Lee, Y.-S., & **Park, Y. S.**, 7/1/2011 – 11/31/2011
Korea Institute for Curriculum and Evaluation (KICE) – *National Assessment of Educational Achievement (NAEA) Research Project*
“Examining the National Assessment of Educational Achievement using a cognitive diagnostic modeling framework: Analysis and policy recommendations”
Role: Co-Principal Investigator
- ¹ Lee, Y.-S., & **Park, Y. S.**, 8/15/2010 – 12/07/2010
Korea Institute for Curriculum and Evaluation (KICE) – *College Scholastic Aptitude Test (CSAT) Research Project*
“Post-smoothing by kernel equating to compare college scholastic aptitude test performance between offices of education via multilevel methods”
Role: Co-Principal Investigator

HONORS

- 2023 **Karolinska Institutet Prize for Research in Medical Education (KIPRIME) Fellow**, Karolinska Institutet, Sweden.
- 2019 **Academy of Master Surgeon Educators**, American College of Surgeons (ACS). Recognition for national and international leaders who advance the science and practice of surgical education.
- 2018 **Established Investigator Award**, American Educational Research Association (AERA) Division I.
- 2018 **College of Medicine – Departmental Faculty of the Year**, University of Illinois – College of Medicine at Chicago.
- 2016 **Teaching Recognition Program (TRP) Award**, Teaching Excellence Review Committee, University of Illinois at Chicago.
- 2014 **Research in Medical Education (RIME) Best Paper Award**, Association of American Medical Colleges (AAMC).
- 2014 **College of Medicine – Departmental Rising Star Award**, University of Illinois – College of Medicine at Chicago.
- 2014 **Alicia Cascallar Award**, National Council on Measurement in Education (NCME).
- 2011 **Educational Testing Service Presidential Award**, Educational Testing Service (ETS).

PEER-REVIEWED JOURNAL ARTICLES

- ²⁴⁸ Sachdeva, A. K., Tekian, A., **Park, Y. S.**, & Cheung, J. H. (in press). Surgical skills training for practicing surgeons founded on established educational theories and frameworks. *Medical Teacher*.
- ²⁴⁷ Baymon, D., Shappell, E., **Park, Y. S.**, Aaronson, E., Egan, D., Raja, A. S., & Yun B. J., (in press). Measures of Patient Volume and Acuity: Workload Perception and Electronic Medical Record. *Journal of Emergency Medicine*.
- ²⁴⁶ Shappell, E., Keme, C., **Park, Y. S.** & Gottlieb, M. (2023). Educator's blueprint: Holistic applicant file review in undergraduate and postgraduate medical education. *AEM Education and Training*. Advance online publication (Sep 15, 2023). doi: 10.1002/aet2.10904
- ²⁴⁵ **Park, Y. S.**, Ryan, M. S., Hogan, S. O., Berg, K., Eickmeyer, A., Fancher, T., Farnan, J., Lawson, L., Turner, L., Westervelt, M., Holmboe, E., & Santen, S. A. (2023). Transition to Residency: National Study of Factors Contributing to Variability in Learner Milestones Ratings in Emergency Medicine and Family Medicine. *Academic Medicine*. Advance online publication (Aug 03, 2023). doi: 10.1097/ACM.0000000000005366
- ²⁴⁴ **Park, Y. S.**, Lin, Q., & Xing, K. (2023). Evaluating modes of observations using hierarchical signal detection rater models. *Multivariate Behavioral Research*, 58(4), 843-858. doi: 10.1080/00273171.2022.2138253
- ²⁴³ **Park, Y. S.**, Sachdeva, A. K., Liscum, K., Alseidi, A., Gesbeck, M., Blair, G. B., Salcedo, E., Sullivan, M., & Bordage, G. (2023). The American College of Surgeons Entering Resident Readiness Assessment (ACS ERRRA): Validity Evidence from a Three-Year National Study. *Annals of Surgery*, 277(4), 704-711 doi: 10.1097/SLA.0000000000005358
- ²⁴² Bond, W. F., Zhou, J., Bhat, S., **Park, Y. S.**, Ebert-Allen, R. A., Ruger, R. L., & Yudkowsky, R. (2023). Automated Patient Note Grading: Examining Scoring Reliability and Feasibility. *Academic Medicine*. Advance online publication (Aug 01, 2023). doi: 10.1097/ACM.0000000000005357
- ²⁴¹ Jogerst, K., **Park, Y. S.**, Petrusa, E., Mullen, J. T., Phitayakorn, R., & McKinley, S. K. (2023). Are patient satisfaction ratings reliable? Implications for holistic resident assessment. *Global Surgical Education*. Advance online publication (Aug 12, 2023). doi: 10.1007/s44186-023-00155-z
- ²⁴⁰ Weaver, L. M., Taylor, C., Yamazaki, K., Hamstra, S., Holmboe, E., Chaer, R., **Park, Y. S.**, & Smith, B. K. (2023). The Association of ACGME Milestones with Performance on American Board of Surgery Assessments: A National

Investigation of Surgical Trainees. *Annals of Surgery*. Advance online publication (Jul 13, 2023). doi: 10.1097/SLA.0000000000005998

- ²³⁹ Dowell, S., Bajwa, M., Charnetski, M., Lababidi, H., Samreen, V., Herrera, E., **Park, Y. S.**, & Palaganas, J. (2023). Principles of Justice, Equity, Diversity, and Inclusion in Health Care Distance Simulation Education: Consensus building via the Nominal Group Technique. *Academic Medicine*. Advance online publication (Jul 11, 2023). doi: 10.1097/ACM.0000000000005317
- ²³⁸ Ahmad, R., Hamed, O., Jamjoom, R., **Park, Y. S.**, & Tekian, A. (2023). Comparing spaced and massed practices at different stages of learning assessment. *Gomal Journal of Medical Sciences*, 21(2), 103-109.
- ²³⁷ Williams, S. R., Sebok-Syer, S. S., Caretta-Weyer, H., Laurence, K., Dohn, A. M., **Park, Y. S.**, Gisondi, M. A., & **Park, Y. S.** (2023). Patient handoffs and multi-specialty trainee perspectives across an institution: informing recommendations for health systems and an expanded conceptual framework for handoffs. *BMC Medical Education*. Advance online publication (Jun 13, 2023). doi: 10.1186/s12909-023-04355-5
- ²³⁶ Badawi, M. A., Algiraigri, A., Al-Sulami, A. J., Abunar, A. A., Alharbi, R., **Park, Y. S.**, & Tekian, A. (2023). A multifaceted educational intervention to reduce plasma utilization. *Plasmatology*. Advance online publication (May 24, 2023). doi: 10.1177/26348535231177667
- ²³⁵ McQuade, B. M., **Park, Y. S.**, Jarrett, J. B., & Riddle, J. (2023). Leveraging Mindfulness to Reduce Stress and Improve Quality of Life Among Pharmacy Students. *American Journal of Pharmaceutical Education*, 87(8), 100096. doi: <https://doi.org/10.1016/j.ajpe.2023.100096>
- ²³⁴ Zaidi, Z., Wyatt, T. R., Naidu, T., & **Park, Y. S.** (2023). A primer to critical race theory. *Academic Medicine*, 98(8), 968. doi: 10.1097/ACM.0000000000005192
- ²³³ Hauer, K. E., **Park, Y. S.**, Bullock, J. L., & Tekian, A. (2023). “My Assessments Are Biased!” Measurement and Sociocultural Approaches to Achieve Fairness in Assessment in Medical Education. *Academic Medicine*. Advance online publication (Apr 21, 2023). doi: 10.1097/ACM.0000000000005245
- ²³² Tanaka, P., Marty, A., **Park, Y. S.**, Kakazu, C., Udani, A., Pardo, M., Sullivan, K., Sandhu, C., Turner, J., Mitchell, J., & Macario, A. (2023). Defining entrustable professional activities for first year anesthesiology residents: A Delphi study. *Journal of Clinical Anesthesia*. Advance online publication (Apr 05, 2023). doi: 10.1016/j.jclinane.2023.111116
- ²³¹ Nassar, H. M., Tekian, A., Linjawi, A. I., & **Park, Y. S.** (2023). Comparative evaluation of weighted mean and composite score for combining assessments. *Journal of*

Dental Education. Advance online publication (Mar 31, 2023). doi: 10.1002/jdd.13203

- ²³⁰ Nelson, B., Chu, J. T., Healy, M. G., & **Park, Y. S.**, Palamara, K. (2023). Does Positive Psychology Coaching Improve Trainee Well-Being? Evidence from a Longitudinal Professional Development Coaching Program in a Cohort of Pediatric Trainees. *Journal of Wellness*, 4(2), 8. doi: 10.55504/2578-9333.1163
- ²²⁹ Ortega, P., Cisneros, R., & **Park, Y. S.** (2023). Spanish medical jargon: A new metric for improving patient-centered communication with Spanish-speaking patients. *Patient Education and Counseling*, 109, 1-8. doi: 10.1016/j.pec.2023.107644
- ²²⁸ Caretta-Weyer, H. A., **Park, Y. S.**, Tekian, A., & Sebok-Syer, S. S. (2023). The inconspicuous learner handover: An exploratory study of U.S. emergency medicine program directors' perceptions of learner handovers from medical school to residency. *Teaching and Learning in Medicine*. Advance online publication (Feb 15, 2023). doi: 10.1080/10401334.2023.2178438
- ²²⁷ Marvin, R., **Park, Y. S.**, Dekhtyar, M., Hartzen, M., Bessey, L., Finkenbine, R., Lloyd, B., Bajmakovic-Kacila, S., Walaszek, A., & Tekian, A. (2023). Implementation of the AAMC's Holistic Review Model for Psychiatry Resident Recruitment. *MedEdPORTAL*, 19(11299), 1-4. doi: 10.15766/mep_2374-8265.11299
- ²²⁶ Badawi, M., Hussain, H., Badawi, M., Al Shawwa, L., Jamjoom, R., **Park, Y. S.**, & Tekian, A. (2023). Learning transfusion medicine through scoring objective structured clinical examination. *Transfusion*. Advance online publication (Feb 6, 2023). doi: 10.1111/trf.17199
- ²²⁵ Hejri, S. M., Ho, J. L., Pan X., **Park, Y. S.**, Sam, A. H., Mangardich, H., & MacIntosh, A. (2023). Validity of constructed-response situational judgment tests in training programs for the health professions: A systematic review and meta-analysis protocol. *PLOS ONE*. Advance online publication (Jan 26, 2023). doi: 10.1371/journal.pone.0280493
- ²²⁴ Toennesen, L. L., Vindum, H. H., Risom, E., Pulga, A., Nessar, R. M., Arshad, A., Christophersen, A., **Park, Y. S.**, Cold, K. M., Konge, L., & Clementsen, P. F. When Pulmonologists Are Novice to Navigational Bronchoscopy, What Predicts Diagnostic Yield? *Diagnostics*. Advance online publication (Dec 12, 2022). doi: 10.3390/diagnostics12123127
- ²²³ **Park, Y. S.**, & Roberts, L. W. (2022). Drawing a line between two points: Challenges and opportunities in linking assessments with key educational outcomes. *Academic Medicine*, 97(10), 1427-1428. doi: 10.1097/ACM.0000000000004910
- ²²² Burk-Rafel, J., Reinstein, I., **Park, Y. S.** (2022). Identifying meaningful patterns of Internal Medicine clerkship grading distributions: Application of data science

techniques across 135 U.S. Medical Schools. *Academic Medicine*. Advance online publication (Oct 25, 2022). doi: 10.1097/ACM.0000000000005044

- ²²¹ Iyasere, C. A., Wing, J., Martel, N., Healy, M. G., **Park, Y. S.**, & Finn, K. (2022). Effect of increased interprofessional familiarity on team performance, communication and psychological safety on inpatient medical teams: A randomized clinical trial. *JAMA Internal Medicine*. Advance online publication (Oct 10, 2022). doi: 10.1001/jamainternmed.2022.4373
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⁸ Abramson, D., Van Alst, D., Merdjanoff, A., Piltch-Loeb, R., Beedasy, J., Findley, P., Peek, L., Mordy, M., Moroso, S., Ocasio, K., **Park, Y. S.**, Sury, J., & Tobin-Gurley, J. (2015). *The PLACE report: Sandy child & family health study (S-CAFH)*. Rutgers University School of Social Work, New York University Global Institute of Public Health, National Center for Disaster Preparedness at Columbia University, Colorado State University.

⁷ **Park, Y. S.** (2014). *Survey weighting plan for the Sandy Child and Family Health Study*. New York, NY: Columbia University.

- ⁶ **Park, Y. S.** (2013). *Examining the relationship among test sections of the Framework for Teaching Proficiency Test: A testlet analysis*. Princeton, NJ: Educational Testing Service.
- ⁵ **Park, Y. S.**, Abramson, D., & Levin, K. (2012). *Assessing the reliability and validity of the evacuation support decision tool*. Albany, NY: New York State Department of Health.
- ⁴ Abramson, D., Redlener, I., Stehling-Ariza, T., Sury, J., Banister, A., & **Park, Y. S.** (2010). *Impact on children and families of the deepwater horizon oil spill: Preliminary findings of the coastal population impact study*. New York, NY: National Center for Disaster Preparedness, Columbia University, Mailman School of Public Health.
- ³ Abramson, D., Stehling-Ariza, T., **Park, Y. S.**, Gruber, D., Wilson, C., Sury, J. & Banister, A. (2009). *Second Wind: The impact of hurricane Gustav on Katrina survivors*. New York, NY: National Center for Disaster Preparedness, Columbia University, Mailman School of Public Health.
- ² **Park, Y. S.** (2007). *The economics of legislating homeschooling in South Korea*. Seoul, South Korea: Republic of Korea National Assembly.
- ¹ Hong, S. C. & **Park, Y. S.** (2006). *An investigation of the scope and monopoly in the textbook market*. Seoul, South Korea: Republic of Korea National Assembly.

INVITED PRESENTATIONS

- ⁴⁰ **Park, Y.S.** (2022, May). *Developing Scholarship in Assessment*. National Board of Medical Examiners (NBME), Virtual.
- ³⁹ **Park, Y.S.** (2022, April). *Leveraging Everyday Curriculum and Assessment to Drive Programs of Educational Research for Health Professionals*. The University of Tennessee Health Science Center, Professional Development Webinar, Virtual.
- ³⁸ **Park, Y.S.** (2021, November). *Using Programs of Assessment to Drive Educational Research*. Dartmouth University Geisel School of Medicine Medical Education Faculty Development Series, Virtual.
- ³⁷ **Park, Y.S.** (2021, June). *Transforming Teaching and Learning through the “High Touch High Tech” Paradigm: Concepts and Empirical Evidence*. Education Commission Asia (ECA), Virtual.
- ³⁶ **Park, Y.S.** (2021, May). *Measuring Competency through Systems of Assessments: Best Practices and Guidelines for Clinical Assessments*. Radiation Oncology Education Collaborative Study Group (ROECG), Virtual.

- ³⁵ **Park, Y.S.** (2021, April). *Innovations in Competency-Based Education and Assessment*. American Educational Research Association (AERA), Virtual.
- ³⁴ **Park, Y.S.** (2021, February). *Transforming Learner Assessments: Innovations in Longitudinal and Developmental Analytics Systems*. National Academy of Medicine of Korea, Virtual.
- ³³ **Park, Y.S.** (2019, April). *Why graduate surgical education matters for best patient care outcomes*. Association of Program Directors in Surgery, Chicago, IL.
- ³² **Park, Y.S.** (2018, June). *Gathering validity evidence: Translating best practices for developing, planning, and analyzing assessments*. Chronic Disease Prevention and Management Interest Group, American Medical Association, Chicago, IL.
- ³¹ **Park, Y.S.** (2018, May). *Harmonizing measures using score linking: Classical techniques and item response theory approaches*. Center for Studies of Displaced Populations, Tulane University, New Orleans, LA.
- ³⁰ **Park, Y.S.** (2018, February). *Developing post-clinical clerkship examinations: Insights from assessment theories and empirical evidence*. Medical Education Lecture, University of Kyoto, Kyoto, Japan.
- ²⁹ **Park, Y.S.** (2018, February). *Assessing clinical skills of graduating medical students: Evaluating the assessment structure and reliability of the University of Tokyo Post-Clinical Clerkship Examination*. Medical Education Lecture, University of Tokyo, Tokyo, Japan.
- ²⁸ **Park, Y.S.** (2018, February). *Post-clinical clerkship examinations*. Japan Society for Medical Education, Tokyo, Japan.
- ²⁷ **Park, Y.S.** (2018, January). *Aligning medical education with outcomes-based research*. Faculty of Medicine Professors Meeting, University of Tokyo, Tokyo, Japan.
- ²⁶ **Park, Y.S.** (2018, January). *Curricular trends in U.S. undergraduate medical education: Examples from pre-clinical teaching of physical examination and preparatory curriculum for transition to residency*. Medical Education Lecture, University of Tokyo, Tokyo, Japan.
- ²⁵ Tekian, A., & **Park, Y.S.** (2018, December). *Master's degree in health professions education programs in the world*. Meeting for Certificate / Master Program in Medical Education in Japan, University of Kyoto, Kyoto, Japan.
- ²⁴ **Park, Y.S.** (2017, December). *Translational science and alignment of medical education with outcomes*. Department of Otolaryngology, University of Tokyo, Tokyo, Japan.

- ²³ **Park, Y.S.** (2017, December). *Translational science and validity in medical education: Insights from workplace-based assessments and assessment systems*. Medical Education Lecture, University of Tokyo, Tokyo, Japan.
- ²² **Park, Y.S.** (2017, November). *Assessing learners using mastery learning: Issues in validity, standard setting, and applications*. Medical Education Lecture, University of Tokyo, Tokyo, Japan.
- ²¹ **Park, Y.S.** (2017, September). *Validity studies on the assessment of clinical reasoning skills using patient notes*. Medical Education Lecture, University of Tokyo, Tokyo, Japan.
- ²⁰ **Park, Y.S.** (2017, May). *Gathering validity evidence for assessments: Developing, planning, and analyzing data*. Second Annual Stanford Innovations in Medical Education Conference (SIMEC II), Palo Alto, CA.
- ¹⁹ **Park, Y.S.** (2017, February). *Validity research in medical education as translational science: Rotation evaluations and blood transfusion training*. Stanford University School of Medicine, Department of Anesthesia Grand Rounds Lecture, Palo Alto, CA.
- ¹⁸ **Park, Y.S.** (2016, February). *Hospital workers' willingness to work during a pandemic: Trends and implications*. The 6th Annual Hospital Disaster Planning, Preparations and Response Symposium: An All-Hazards Approach, Miami, FL.
- ¹⁷ **Park, Y.S.** (2015, December). *Validity research in medical education as translational science*. Copenhagen Academy for Medical Education and Simulation, University of Copenhagen, Denmark.
- ¹⁶ **Park, Y.S.** (2015, December). *Applications of latent variable models in medical education and medical social sciences*. Copenhagen Academy for Medical Education and Simulation, University of Copenhagen, Denmark.
- ¹⁵ **Park, Y.S.**, Hurm, M., Xing, K., Anderson, L., Kamin, C., & Yudkowsky, R. (2015, June). *Investigating psychometric properties of scoring based on live interaction and videotaped observation*. The Annual Meeting of Association of Standardized Patient Educators, Denver, CO.
- ¹⁴ **Park, Y.S.** (2015, May). *Correlations, reliability, and confidence intervals*. The Technical Advisory Committee, Chicago Public Schools, Chicago, IL.
- ¹³ **Park, Y.S.** (2015, April). *Covariate and mixture extensions of diagnostic classification models*. The Annual Meeting of the National Council on Measurement in Education, Chicago, IL.

- ¹² **Park, Y.S.** & Tekian, A. (2014, December). *Establishing defensible passing standards: Standard setting*. The Faculty of Medical Sciences, University of Warmia and Mazury, Olsztyn, Poland.
- ¹¹ **Park, Y.S.** & Tekian, A. (2014, December). *Developing and evaluating assessments: Test development, item analysis, and psychometrics*. The Faculty of Medical Sciences, University of Warmia and Mazury, Olsztyn, Poland.
- ¹⁰ **Park, Y.S.** (2014, October). *Evaluating the reliability of teacher observations: REACH students system*. The Chicago Public Schools, Chicago, IL.
- ⁹ **Park, Y.S.** (2014, March). *Methods to gather validity evidence for the Nephrology Milestones*. The semiannual meeting of the American Society of Nephrology, Chicago, IL.
- ⁸ **Park, Y.S.** (2013, June). *Hierarchical rater models for evaluation differences in modes of observation*. Pearson VUE, Performance Assessment Research Group, Chicago, IL.
- ⁷ **Park, Y.S.** (2013, June). *Investigating psychometric properties of scoring based on live interaction and videotaped observation: Focusing on communication and interpersonal skills*. The Annual Meeting of the Association of Standardized Patient Educators, Atlanta, GA.
- ⁶ **Park, Y. S.** (2012, February). *Methods to monitor high stakes performance assessments for health professionals*. The International Conference on Research and Training in Health Professions Education (ICON-RIPE), Belgaum, India.
- ⁵ **Park, Y.S.** (2011, May). *Examining classification accuracy under rater drift*. The Department of Human Development Colloquium, Teachers College, Columbia University.
- ⁴ **Park, Y. S.** (2010, November). *Improving hospital workers' willingness to work during a pandemic disaster: A multilevel analysis*. The Pan American Health Organization, World Health Organization, Washington, D.C.
- ³ **Park, Y. S.** (2010, August). *Measuring risk and interpreting its effect on perceptions of climate change*. The Department of Social Studies Education, Teachers College, Columbia University.
- ² **Park, Y. S.** (2010, March) *Item response theory parameter estimation: BILOG, R, Stata, and WinBUGS*. Teachers College, Columbia University.
- ¹ **Park, Y. S.** (2009, November) *Analyzing rater behavior in constructed response scoring: A view from latent class signal detection theory*. The Department of Human Development Colloquium, Teachers College, Columbia University.

INVITED WORKSHOPS

- ⁷ **Park, Y.S.** (2022, March). *Standard Setting for Performance Assessment*, Invited workshop for the Japan Society for Medical Education (JSME), Virtual.
- ⁶ **Park, Y.S.** (2021, May). *Introduction to Experimental Designs*, Invited workshop at the Advanced Research Methodology Evaluation and Design in Medical Education, Society for Academic Emergency Medicine (SAEM) (jointly with S. Sebok-Syer), Virtual.
- ⁵ **Park, Y.S.** (2019, May). *Fundamentals of Assessment in CME Practice*, Invited conference workshop at the Annual Meeting of the Accreditation Council for Continuing Medical Education (jointly with Janet Riddle), Chicago, IL.
- ⁴ **Park, Y.S.** (2017, June). *Understanding generalizability theory – A primer*, Invited conference workshop presented at the Annual Meeting of the Association of Standardized Patient Educators (jointly with A. Blood), Alexandria, VA.
- ³ **Park, Y.S.** (2017, June). *Understanding validity and reliability in standardized patient-based assessment – Demystifying tricky concepts*, Invited pre-conference workshop presented at the Annual Meeting of the Association of Standardized Patient Educators (jointly with J. Miller), Alexandria, VA.
- ² **Park, Y.S.** (2016, June). *Understanding generalizability theory – A primer*, Invited conference workshop presented at the Annual Meeting of the Association of Standardized Patient Educators (jointly with A. Blood), Tampa, FL.
- ¹ **Park, Y.S.** (2016, June). *Understanding validity and reliability in standardized patient-based assessment – Demystifying tricky concepts*, Invited pre-conference workshop presented at the Annual Meeting of the Association of Standardized Patient Educators (jointly with J. Miller), Tampa, FL.

PEER-REVIEWED CONFERENCE PRESENTATIONS

Paper presentations

- ⁶⁸ Shabahang, M. M., Adetunji, A. A., Daley, B. J., Mpinga, E., Sudan, R., Tilou, A., Blair, P. G., **Park, Y. S.**, Lipsett, P. A., Jarman, B. T., & Sachdeva, A. K. (2022, May). American College of Surgeons Objective Assessment of Skills in Surgery (ACS OASIS): A Formative Assessment of Junior Residents' Technical Skills. Paper presented at the Annual Meeting of the Association of Program Directors in Surgery, San Antonio, TX.

- ⁶⁷ Blood, A., Fitz-William, W., Andriole, D., Farnan, J., Tekian, A., & **Park, Y. S.** (2022, April). *Medical School Use of Competency Frameworks in Learning Objectives: A National Study*. Paper presented at the Annual Meeting of the American Educational Research Association (AERA), San Diego, CA.
- ⁶⁶ Shappell, E., & **Park, Y. S.** (2022, March). *Test Development for Spaced Repetition*. Paper presented at the Annual Meeting of the Council of Residency Directors in Emergency Medicine (CORD), Virtual, San Diego, CA.
- ⁶⁵ Bajwa, N., Nendaz, M. R., Posfay-Barbe, K. M., Yudkowsky, R., & **Park, Y. S.** (2021, November). *A Meaningful and Actionable Professionalism Assessment: Validity Evidence for the Professionalism Mini-Evaluation Exercise (P-MEX) Across 8 Years*. Paper presented at the Annual Medical Education Meeting of the Association of American Medical Colleges, Virtual.
- ⁶⁴ Ortega, P., Moxon, N. R., Chokshi, A. K., Perez-Cordon, C., & **Park, Y. S.** (2021, November). *Validity Evidence Supporting the Comunicación y Habilidades Interpersonales (CAI) Scale for Medical Spanish Communication and Interpersonal Skills Assessment*. Paper presented at the Annual Medical Education Meeting of the Association of American Medical Colleges, Virtual.
- ⁶³ Lipman, J., **Park, Y. S.**, Papp, K., & Tekian, A. (2021, November). *Content of an Educational Handover Letter From Medical Schools to Surgery Residencies: A Mixed Method Analysis*. Paper presented at the Annual Medical Education Meeting of the Association of American Medical Colleges, Virtual.
- ⁶² **Park, Y. S.**, Abramson, A., Friedman, S., & Merdjanoff, A. (2021, July). *Subjective Versus Objective Assessments of Long-Term Disaster Recovery Among Hurricane Katrina Survivors*. Paper presented at the Annual Meeting of the Researchers Meeting, Natural Hazards Center, Virtual.
- ⁶¹ **Park, Y. S.**, Hamstra, S., Yamazaki, K., & Holmboe, E. (2020, September). *Examining the Longitudinal Consistency of Milestones-Based Learning Trajectories: National Study of Family Medicine Residents*. Paper presented at the Annual Meeting of the Association of Medical Education in Europe (AMEE), Virtual.
- ⁶⁰ Bajwa, N., Nendaz, M., Galetto-Lacour A., Posfay-Barbe, K., Yudkowsky, R., & **Park, Y. S.** (2019, November). *Can professionalism mini-evaluation exercise scores provide predictive evidence of residency performance? Validity evidence across five longitudinal cohorts*. Paper presented at the Annual Meeting of the Association of American Medical Colleges, Phoenix, Arizona.
- ⁵⁹ Yudkowsky, R., Hyderi, A., Holden, J., Kiser R., Stringham, R., Gangopadhyaya, A., Khan A., **Park, Y. S.** (2019, November). *Can non-clinician raters be trained to assess clinical reasoning in post-encounter patient notes?* Paper presented at the Annual Meeting of the Association of American Medical Colleges, Phoenix,

Arizona.

- ⁵⁸ Blatt, B. J., Yudkowsky, R., Berg, K., **Park, Y. S.**, Lewis, K., Holden, J. (2019, September). *Does the opportunity to reflect and revisit during an OSCE improve students' clinical reasoning*. Paper presented at the Annual Meeting of the Association of Medical Education in Europe, Vienna, Austria.
- ⁵⁷ Xing, K., Lin, Q., & **Park, Y. S.** (2019, April). *Multilevel analysis incorporating multiple covariates for independent and higher-order cognitive diagnosis models*. Paper presented at the Annual Meeting of the National Council on Measurement in Education, Toronto, Canada.
- ⁵⁶ Tekian, A., Borhani, M., Tilton, S., Abasolo, E., & **Park, Y. S.** (2018, May). *What do quantitative ratings and qualitative comments tell us about general surgery residents' progress toward independent practice? Evidence from a 5-year longitudinal cohort*. Paper presented at the Surgical Education Week of the Association for Surgical Education, Austin, TX.
- ⁵⁵ **Park, Y. S.**, & Lee, Y.-S. (2018, April). *Multidimensional higher-order models for skills diagnosis: Descriptive and explanatory approaches*. Paper presented at the Annual Meeting of the National Council on Measurement in Education, New York, NY.
- ⁵⁴ **Park, Y. S.**, & Tekian, A. (2018, April). *Synthesizing and reporting learner analytics: Considerations for measurement and validity*. Paper presented at the Annual Meeting of the American Educational Research Association, New York, NY.
- ⁵³ **Park, Y. S.**, Morales, A., Ross, L. P., & Paniagua, M. (2018, April). *Reporting subscore profiles using diagnostic classification models in health professions education*. Paper presented at the Annual Meeting of the American Educational Research Association, New York, NY.
- ⁵² Tanaka, P., Adriano, A., **Park, Y. S.**, & Macario, A. (2018, April). *Development of an Objective Structured Clinical Examination for preparation for the American Board of Anesthesiology APPLIED Certification Examination*. Paper presented at the Annual Meeting of the American Educational Research Association, New York, NY.
- ⁵¹ Tekian, A., & **Park, Y. S.** (2018, April). *Combining qualitative comments and quantitative data: Evidence from a longitudinal cohort from entry to graduation*. Paper presented at the Annual Meeting of the American Educational Research Association, New York, NY.
- ⁵⁰ Bahous, S. A., **Park, Y. S.**, Harris, I., & Tekian, A. (2018, April). *Composite scores and decision making in undergraduate medical education*. Paper presented at the Annual Meeting of the American Educational Research Association, New York, NY.

- ⁴⁹ **Park, Y. S.**, Hyderi, A., Heine, N., May, W., Nevins, A., Lee, M., Bordage, G., & Yudkowsky, R. (2017, November). *Validity evidence and scoring guidelines for standardized patient encounters and patient notes from a multisite study of clinical performance examinations in seven medical schools*. Paper presented at the Annual Medical Education Meeting of the Association of American Medical Colleges, Boston, MA.
- ⁴⁸ Taylor, D. R., **Park, Y. S.**, Egan, R., Chan, M.-K., Karpinski, J., Touchie, C., Snell, L. S., & Tekian, A. (2017, November). *Equal, a novel rubric to evaluate entrustable professional activities for quality and structure*. Paper presented at the Annual Medical Education Meeting of the Association of American Medical Colleges, Boston, MA.
- ⁴⁷ Damewood, R. B., Blair, P. G., **Park, Y. S.**, Lupi, L. K., Newman, R. W., & Sachdeva, A. (2017, April). *“Taking Training to the Next Level”: The American College of Surgeons Committee on Residency Training Survey*. Paper presented at the Surgical Education Week of the Association of Program Directors in Surgery, San Diego, CA.
- ⁴⁶ **Park, Y. S.**, Lineberry, M., Hyderi, A., Bordage, G., Xing, K., & Yudkowsky, R. (2016, November). *Differential weighting for subcomponent measures of Integrated Clinical Encounter scores based on the USMLE Step-2 CS examination: Effects on composite score reliability and pass-fail decisions*. Paper presented at the Annual Medical Education Meeting of the Association of American Medical Colleges, Seattle, WA.
- ⁴⁵ **Park, Y. S.**, Lee, Y.-S., Xing, K., & Lim, M. (2016, April). *Incorporating latent and observed predictors in cognitive diagnostic models*. Paper presented at the Annual Meeting of the National Council on Measurement in Education, Washington, DC.
- ⁴⁴ **Park, Y. S.**, Zar, F., Norcini, J. J., & Tekian, A. (2016, April). *Contributing to guidelines on the use of competency evaluations in health professions education*. Paper presented at the Annual Meeting of the American Educational Research Association, Washington, DC.
- ⁴³ Yudkowsky, R., **Park, Y. S.**, Hyderi, A., & Bordage, G. (2015, November). *Characteristics and implications of diagnostic justification scores based on the new patient note format of the USMLE Step 2 CS exam*. Paper presented at the Annual Medical Education Meeting of the Association of American Medical Colleges, Baltimore, MD.
- ⁴² **Park, Y. S.**, Lee, Y.-S., & Xing, K. (2015, July). *Mixture higher-order diagnostic classification model with covariates*. Paper presented at the Annual International Meeting of the Psychometric Society, Beijing, China.

- ⁴¹ **Park, Y. S.**, Kim, M. H., & Xing, K. (2015, April). *Effects of scoring designs on rater precision and classification*. Paper presented at the Annual Meeting of the National Council on Measurement in Education, Chicago, IL.
- ⁴⁰ **Park, Y. S.** (2014, October). *Psychometric issues in the measurement of non-cognitive attributes*. Paper presented at the Korea Development Institute (KDI) Human Capital Policy Conference, Seoul, South Korea.
- ³⁹ **Park, Y. S.**, Hurm, M., Xing, K., Anderson, L., Kamin, C., & Yudkowsky, R. (2014, June). *Investigating the psychometric properties of scoring based on live-interaction and videotaped observations: Focusing on communication and interpersonal skills*. Paper presented at the Annual Meeting of the Association of Standardized Patient Educators, Indianapolis, IN.
- ³⁸ **Park, Y. S.**, Kamin, C., & Yudkowsky, R. (2014, May). *Implications for standard setting in communication and interpersonal skills*. Paper presented at the 30th Annual Meeting of The Korean Society of Medical Education, Seoul, South Korea.
- ³⁷ **Park, Y. S.**, Lee, Y.-S., & Seong, T. (2014, April). *Parameterizing covariates affecting attribute classification in Multiple-Groups RDINA*. Paper presented at the Annual Meeting of the National Council on Measurement in Education, Philadelphia, PA.
- ³⁶ Lee, Y.-S., & **Park, Y. S.** (2014, April). *A mixture IRT model analysis in exploring kindergarteners' mathematical strategy*. Paper presented at the Annual Meeting of the National Council on Measurement in Education, Philadelphia, PA.
- ³⁵ Mema, B., **Park, Y. S.**, Lobos, A. T., Writer H., & Kotsakis, A. (2014, April). *Feasibility and validity evidence using a simulation-based OSCE to assess readiness for independent practice in Pediatric Critical Care trainees*. Paper presented at the Annual Meeting of the Ottawa Conference, Ottawa, Canada.
- ³⁴ Aiyer, M., Wang, H., **Park, Y. S.**, Kirwin, C., & Pinson, D. (2014, March). *Second year medical student course performance correlated to step 1 examination*. Paper presented at the Annual Meeting of the Central Group on Educational Affairs, Cleveland, Ohio.
- ³³ **Park, Y. S.**, Lineberry, M., Hyderi, A., Bordage, G., Riddle, J., & Yudkowsky, R. (2013, November). *Validity evidence for a patient note scoring rubric based on the new patient note format of the United States Medical Licensing Examination*. Paper presented at the Annual Meeting of the Association of American Medical Colleges, Philadelphia, PA.
- ³² Lockspeiser, T., Schmitter, P. A., Lane, L., Hanson, J. L., Rosenberg, A. A., & **Park, Y. S.** (2013, November). *Assessing residents' written learning goals and goal writing skill: Validity evidence for the learning goal scoring rubric*. Paper presented at the

Annual Meeting of the Association of American Medical Colleges, Philadelphia, PA.

- ³¹ **Park, Y. S.** (2013, June). *Measuring resident progress in the ACGME Next Accreditation System: Are observation-based assessments effective?* Paper presented at the 29th Annual Meeting of The Korean Society of Medical Education, Buyeo, South Korea.
- ³⁰ **Park, Y. S.**, Conley, P., & Reed, E. (2013, April). *An extension of the hierarchical rater model for evaluating differences in mode of observation.* Paper presented at the Annual Meeting of the National Council on Measurement in Education, San Francisco, CA.
- ²⁹ McClellan, C., Donoghue, J., & **Park, Y. S.** (2013, April). *Commonality and uniqueness in teaching practice observation.* Paper presented at the Annual Meeting of the National Council on Measurement in Education, San Francisco, CA.
- ²⁸ Bhat, R., Garg, M., Omron, R., Takenaka, K., & **Park, Y. S.** (2013, March). *Predictors of success in emergency medicine training.* Paper presented as Best of the Best Presentation at the Annual Meeting of the Council of Emergency Medicine Residency Directors, Denver, CO.
- ²⁷ **Park, Y. S.**, Joe, J., & Williams, J. (2012, April). *An extension of the latent class signal detection theory model for differential rater functioning.* Paper presented at the Annual Meeting of the National Council on Measurement in Education, Vancouver, Canada.
- ²⁶ **Park, Y. S.**, Lee, Y.-S., & Seong, T.-J. (2012, April). *An extension of the DINA model using covariates: Examining factors affecting response probability and latent classification.* Paper presented at the Annual Meeting of the National Council on Measurement in Education, Vancouver, Canada.
- ²⁵ Joe, J., **Park, Y. S.**, Brantley, W., Lapp, M., & Leusner, D. (2012, April). *Examining the effect of prompt complexity on rater behavior: A mixed-methods study of GRE.* Paper presented at the Annual Meeting of the National Council on Measurement in Education, Vancouver, Canada.
- ²⁴ **Park, Y. S.**, Stehling-Ariza, T., & Abramson, D. (2011, November). *Examining longitudinal patterns of recovery: A growth mixture modeling approach using posterior mode estimation.* Paper presented at the Annual Meeting of the American Public Health Association (Statistics), Washington, DC.
- ²³ **Park, Y. S.**, Sury, J., & Abramson, D. (2011, November). *Combining cluster and factor analysis to examine the effects of social vulnerability on recovery.* Paper presented at the Annual Meeting of the American Public Health Association (GIS), Washington, DC.

- ²² **Park, Y. S.**, & Lee, Y.-S. (2011, July). *Mixture higher-order DINA model for differential attribute functioning*. Paper presented at the International Meeting of the Psychometric Society, Hong Kong.
- ²¹ Lee, Y.-S., & **Park, Y. S.** (2011, July). *Application of mixture IRT to multiple strategy CDM analysis*. Paper presented at the International Meeting of the Psychometric Society, Hong Kong.
- ²⁰ **Park, Y.S.**, & Lee, Y.-S. (2011, April). *Investigating item parameter drift using mixture item response theory*. Paper presented at the Annual Meeting of the National Council on Measurement in Education, New Orleans, LA.
- ¹⁹ **Park, Y. S.**, & DeCarlo, L. T. (2011, April). *Effects on classification accuracy under rater drift via latent class signal detection theory and item response theory*. Paper presented at the Annual Meeting of the American Education Research Association, New Orleans, LA.
- ¹⁸ **Park, Y. S.**, Stehling-Ariza T., & Sury, J. (2010, November). *Analysis of rater reliabilities of incomplete designs: A simulation of partially balanced incomplete designs and empirical application*. Paper presented at the Annual Meeting of the American Public Health Association (Statistics), Denver, CO.
- ¹⁷ **Park, Y. S.**, Chandler, T., & Stehling-Ariza, T. (2010, November). *Cognitive diagnostic modeling approach to assess the mastery and the prevalence of specific competencies in a basic emergency preparedness course*. Paper presented at the Annual Meeting of the American Public Health Association (Statistics), Denver, CO.
- ¹⁶ Chandler, T., **Park, Y. S.**, Levin, K. L., Abramson, D., & Morse, S. S. (2010, November). *Impact of online learning on emergency response: An evaluation of an online course*. Paper presented at the Annual Meeting of the American Public Health Association, Denver, CO.
- ¹⁵ Chandler, T., Levin, K. L., **Park, Y. S.**, Sury, J. J., Banister, A., & Bhasker, S. (2010, November). *Dealing with climate change: An evaluation of a national online course*. Paper presented at the Annual Meeting of the American Public Health Association, Denver, CO.
- ¹⁴ **Park, Y. S.**, & Lee, Y.-S. (2010, July). *CTT, IRT, and G-DINA analysis of TIMSS 2007*. Paper presented at the 7th conference of the International Test Commission at the Chinese University of Hong Kong Shatin, Hong Kong.
- ¹³ **Park, Y. S.**, & Lee, Y.-S. (2010, July). *Investigating item drift in TIMSS via cognitive diagnostic modeling*. Paper presented at the 7th conference of the International Test Commission at the Chinese University of Hong Kong Shatin, Hong Kong.

- ¹² Lee, Y.-S., **Park, Y. S.**, & Taylan, D. (2010, July). *A comparative study of attribute mastery between regional entities within the U.S.: An analysis of TIMSS 2007 using cognitive diagnostic modeling*. Paper presented at the 7th conference on the International Test Commission at the Chinese University of Hong Kong Shatin, Hong Kong.
- ¹¹ **Park, Y. S.**, & Lee, Y.-S. (2010, April). *Mixture IRT model comparison using Bayesian methods: An empirical analysis via cognitive diagnosis interview data*. Paper presented at the Annual Meeting of the National Council on Measurement in Education, Denver, CO.
- ¹⁰ **Park, Y. S.**, Lee, Y.-S., & Choi, K. M. (2010, April). *Cognitive diagnostic analysis of TIMSS 2007 Using the DINA model: A multilevel comparison of high, average, and low performance*. Paper presented at the Annual Meeting of the American Educational Research Association, Denver, CO.
- ⁹ Chandler, T., & **Park, Y. S.** (2010, April). *The incorporation of hands-on tasks in an online course: An analysis of a blended learning environment*. Paper presented at the Annual Meeting of the American Educational Research Association, Denver, CO.
- ⁸ Kim, G., Lee, Y.-S., & **Park, Y. S.** (2010, April). *Multiple imputation with fully conditional specification approach: Estimation of reliability coefficient with missing data*. Paper presented at the Annual Meeting of the National Council on Measurement in Education, Denver, CO.
- ⁷ **Park, Y. S.**, & Lee, Y.-S. (2010, January). *International comparison of content and cognitive clustering in TIMSS 2003 8th grade mathematics*. Paper presented at the Annual Meeting of the Hawaii International Conference on Education, Honolulu, HI.
- ⁶ Lee, Y.-S., & **Park, Y. S.** (2010, January). *An analysis of mathematical performance in 4th grade American students to the international average via TIMSS*. Paper presented at the Annual Meeting of the Hawaii International Conference on Education, Honolulu, HI.
- ⁵ **Park, Y. S.**, Stehling-Ariza, T., & Abramson, D. (2009, November). *Multiple imputation via chained equations of SF-12 health scores for a longitudinal study of displaced population from hurricane Katrina*. Paper presented at the Annual Meeting of the American Public Health Association, Philadelphia, PA.
- ⁴ **Park, Y. S.**, Banister, A., & Abramson, D. (2009, November). *Constructed response scoring application based on signal detection theory to improve precision of rater effect: Analysis of life story for victims of hurricane Katrina*. Paper presented at the Annual Meeting of the American Public Health Association, Philadelphia, PA.

- ³ Abramson, D., Stehling-Ariza, T., & **Park, Y. S.** (2009, November). *Housing as a recovery measure: A survival analysis of time to stable housing among a post-Katrina cohort*. Paper presented at the Annual Meeting of the American Public Health Association, Philadelphia, PA.
- ² Chandler, T., Morse, S., & **Park, Y. S.** (2009, November). *An evaluation of national online emergency preparedness course*. Paper presented at the Annual Meeting of the American Public Health Association, Philadelphia, PA.
- ¹ Lee, Y.-S., Choi, K.-M., & **Park, Y. S.** (2009, April). *A comparison between the U.S. and Korea in the TIMSS 8th grade mathematics assessment: An application of cognitive diagnostic modeling*. Paper presentation at the Annual Meeting of the American Education Research Association, San Diego, CA

Posters / abstracts

- ⁴⁰ Park, K. M., Gesbeck, M., Alseidi, A. A., **Park, Y. S.**, Sullivan, M. E., Salcedo, E. S., Blair, P. G., Liscum, K., Sachdeva, A. K. (2022, May). *Resident readiness for senior level decision making: Identifying the domains for formative assessment and feedback*. Poster presented at the Annual Meeting of the Association of Program Directors in Surgery, San Antonio, TX.
- ³⁹ **Park, Y. S.**, Marvin, R., Lloyd, B., Hartzen, M., Bajmakovic-Kacila, S., & Tekian, A. (2020, March). *Psychiatry Milestones-based learning trajectories: A multisite collaborative study*. Poster presented at the Annual Meeting of the American Association of Directors of Psychiatric Residency Training, Dallas, TX.
- ³⁸ **Park, Y. S.** (2020, February). *Examining differences in live-interaction and videotaped observations*. Poster presented at the Ottawa Conferences on the Assessment of Competence in Medicine and the Healthcare Professions, Kuala Lumpur, Malaysia.
- ³⁷ **Park, Y. S.** (2020, January). *Mutiple-groups higher-order reparameterized DINA model*. Poster presented at the Annual Meeting of the Hawaii International Conference on Education, Honolulu, HI.
- ³⁶ Lin, Q., Xing, K., & **Park, Y. S.** (2019, August). *Measuring skill growth and evaluation change: Unconditional and conditional approaches to latent growth cognitive diagnostic models*. Poster presented at the Annual Meeting of the American Psychological Association, Chicago, IL.
- ³⁵ Park, M. J., Green, J., & **Park, Y. S.** (2018, June). *Patterns of change after health education for people with chronic diseases: a decay-of-impact trajectory revealed by Growth Mixture Modeling*. Poster presented at the Research Forum Meeting of the Academy of Communication in Healthcare, Tampa, FL. [Winner of the 2018 ENRICH/Forum Poster Award]

- ³⁴ Gangopadhyaya, A., **Park, Y. S.**, & Yudkowsky, R. (2016, November). *Comparing residents' communication & interpersonal skills between telemedicine & face-to-face encounters*. Abstract presented at the Annual Medical Education Meeting of the Association of American Medical Colleges, Seattle, WA.
- ³³ Luna-Bazaldua, D. A., Lee, Y.-S., & **Park, Y. S.** (2016, April). *Development of a reparameterized compensatory cognitive diagnostic model with covariates*. Poster presented at the Annual Meeting of the American Education Research Association, Washington, DC.
- ³² Xing, K., **Park, Y. S.**, & Thorkildsen, T. (2016, April). *Regressing multiple predictors into a cognitive diagnostic model*. Poster presented at the Annual Meeting of the National Council on Measurement in Education, Washington, DC.
- ³¹ **Park, Y. S.**, Kamin, C., Kim, G., Hyderi, A., & Yudkowsky, R. (2015, November). *Differences in expectations of passing standards in communication skills for pre-clinical and clinical medical students*. Poster presented at the Annual Medical Education Meeting of the Association of American Medical Colleges, Baltimore, MD.
- ³⁰ Xing, K., **Park, Y. S.**, & Thorkildsen, T. (2015, July). *Modeling online social networking behaviors: A multidimensional mixture IRT approach*. Poster presented at the Annual International Meeting of the Psychometric Society, Beijing, China.
- ²⁹ Xing, K., **Park, Y. S.**, & Thorkildsen, T. (2015, April). *Application of mixture IRT to online social networking behaviors*. Poster presented at the Annual Meeting of the National Council on Measurement in Education, Chicago, IL.
- ²⁸ Porteous, H., **Park, Y. S.**, Marsh, S., Bailey, J., & Manjarrez E. (2015, March). *Using an evidence based computerized clinical decision alert to reduce unnecessary blood transfusions in stable hospitalized patients and increase cost savings associated with needless blood transfusion*. Poster presented at the Society of Hospital Medicine's Annual Meeting, National Harbor, MD.
- ²⁷ Yudkowsky, R., **Park, Y. S.**, Hyderi, A., Kincaid, O., Khan, A., Gangopadhyaya, A., Rajagopal, N., Bordage, G. (2014, November). *Characteristics and implications of diagnostic justification scores based on the new patient note format of the USMLE Step 2 CS Exam*. Oral abstract presented at the Medical Education Meeting of the Association of American Medical Colleges, Chicago IL.
- ²⁶ Knox, A., Tekian, A., Williams, S., Reddy, S., & **Park, Y. S.** (2014, November). *Development of standardized narrative cases based on the ACGME professionalism milestones – A "how to" guide*. Oral abstract presented at the Medical Education Meeting of the Association of American Medical Colleges, Chicago IL.

- ²⁵ **Park, Y. S.**, & Lee, Y.-S. (2014, July). *Analysis of covariates using the TIMSS data based on Multiple-Groups Higher-Order Reparameterized DINA model*. Poster presented at the Annual Meeting of the International Test Commission, San Sebastian, Spain.
- ²⁴ **Park, Y. S.**, & Xing, K. (2014, April). *Evaluating and adjusting for rater effects in standard setting using the Angoff method*. Poster presented at the Annual Meeting of the American Educational Research Association, Philadelphia, PA.
- ²³ **Park, Y. S.**, & Lee, Y.-S. (2014, January). *Studying the effect of covariates on mathematics skill mastery: Analysis of TIMSS 4th grade mathematics using the Multiple-Groups RDINA model*. Poster presented at the Annual Meeting of the Hawaii International Conference in Education, Honolulu, HI.
- ²² Yudkowsky, R., **Park, Y. S.**, Riddle, J., Palladino, C., & Bordage, G. (2013, November). *Comparing the validity of clinically discriminating and thoroughness checklists*. Poster presented at the Annual Meeting of the Association of American Medical Colleges, Philadelphia, PA.
- ²¹ **Park, Y. S.**, Kamin, C., & Yudkowsky, R. (2013, August). *Setting passing standards for communication and interpersonal skills*. Poster presented at the 11th Annual Clinical Education and Assessment Chicago Style Conference, Chicago, IL.
- ²⁰ Yudkowsky, R., **Park, Y. S.**, Riddle, J., Palladino, C., & Bordage, G. (2013, June). *Comparing the validity of clinically discriminating versus traditional "thoroughness" checklists*. Oral abstract presented at the Annual Meeting of the Association of Standardized Patient Educators, Atlanta, GA.
- ¹⁹ Kang, W. S., **Park, Y. S.**, Im, S. H., Jung, D. C., Im, S. A., & Kim, P. A. (2013, June). *Does a medical humanities curriculum lead to improved outcomes?* Poster presented at the 29th Annual Meeting of The Korean Society of Medical Education, Buyeo, South Korea.
- ¹⁸ Mitchell, D., Blood, A., & **Park, Y.S.** (2013, June). *A multi-sourced needs assessment: Tailoring simulation-based educational content for pediatric residents*. Poster presented at The University of Chicago Pediatric Research Day, Chicago, IL.
- ¹⁷ Blood, A., **Park, Y. S.**, Lukas, & R., Brorson, J. (2013, April). *The reliability of a neurology clerkship objective structured clinical examination (OSCE) as examined through a generalizability study*. Poster presented at the Annual Meeting of the National Council on Measurement in Education, San Francisco, CA.
- ¹⁶ **Park, Y. S.**, Kamin, C. S., Kang W. S., Kim, G., & Yudkowsky, R. (2013, April). *Examining case specificity in communication and interpersonal skills using testlet response theory*. Poster presented at the Annual Meeting of the American Education Research Association, San Francisco, CA.

- ¹⁵ Lee, Y.-S., **Park, Y. S.**, & Song, Y. (2013, April). *Examining the mastery of science skills using the 4th grade science TIMSS*. Poster presented at the Annual Meeting of the National Association for Research in Science Teaching, Rio Grande, Puerto Rico.
- ¹⁴ Mitchell, D. L., Blood, A., & **Park, Y. S.** (2013, April). *A multi-source needs assessment: Tailoring simulation-based educational content for pediatric residents*. Poster presented at the annual meeting of the International Pediatric Simulation Symposia and Workshops, New York, NY.
- ¹³ Banayan, J., Blood, A., **Park, Y. S.**, & Scavone, B. (2013, April). *A modified Delphi method to create a scoring system for performance in maternal cardiac arrest*. Poster presented at the Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, San Juan, Puerto Rico.
- ¹² **Park, Y. S.**, Conley, P., & Kang, W. S. (2012, November). *Comparison of item analysis using classical test theory and latent trait models: An application using clinical pathophysiology and pathology assessment data*. Poster presented at the Annual Meeting of the Association of American Medical Colleges, San Francisco, CA.
- ¹¹ **Park, Y. S.**, & Lee, Y.-S. (2012, July). *Bayesian model comparison approaches in mixture IRT models: An empirical analysis using the TIMSS mathematics assessment*. Poster presented at the 8th conference of the International Test Commission at the University of Amsterdam, Amsterdam, The Netherlands.
- ¹⁰ **Park, Y. S.**, Stehling-Ariza, T., Sury, J., & Abramson, D. (2010, November). *A cluster analysis on barriers to evacuate*. Poster presented at the Annual Meeting of the American Public Health Association, Denver, CO.
- ⁹ **Park, Y. S.**, Behrouz, L., Stehling-Ariza, T., Burnette, K., & Sury, J. J. (2010, November). *Improving hospital workers' willingness to work: Using group-specific differences to investigate associations between barriers and interventions*. Poster presented at the Annual Meeting of the American Public Health Association, Denver, CO.
- ⁸ Stehling-Ariza, T., **Park, Y. S.**, & Banister, A. (2010, November). *Longitudinal changes in mental health associated with increased tobacco and alcohol use in a displaced population*. Poster presented at the Annual Meeting of the American Public Health Association, Denver, CO.
- ⁷ Abramson, D. M., Stehling-Ariza, T., & **Park, Y. S.** (2010, November). *Analyzing a neighborhood effect on post-Katrina recovery: Does a community's cohesion and control matter?* Poster presented at the Annual Meeting of the American Public Health Association, Denver, CO.

- ⁶ **Park, Y. S.**, Kim, G., & Stehling-Ariza. (2010, May). *Bayesian mixture IRT modeling of children's strengths and difficulties questionnaire*. Poster presented at the Annual Symposium on Statistics in Psychiatry at Yale University, New Haven, CT.
- ⁵ **Park, Y. S.**, & DeCarlo, L. T. (2010, April). *Rater drift in constructed response scoring: A longitudinal analysis of rater behavior via latent class signal detection theory*. Poster presented at the Annual Meeting of the National Council on Measurement in Education, Denver, CO.
- ⁴ Stehling-Ariza, T., **Park, Y. S.**, & Sury, J. (2009, November). *Predicting sense of community in a population displaced by Hurricane Katrina*. . Poster presented at the Annual Meeting of the American Public Health Association, Philadelphia, PA.
- ³ **Park, Y. S.**, & DeCarlo, L. T. (2009, August). *On null categories in constructed response scoring: A view from a latent class signal detection model*. Poster presented at the Annual Meeting of the Joint Annual Convention of the Society for Mathematical Psychology and the European Mathematical Psychology Group at the University of Amsterdam, Amsterdam, Netherlands.
- ² **Park, Y. S.**, Kim, G., Cho, M.S., & Lee, Y.-S. (2009, April). *An application of mixed Rasch model in assessing K-1 mathematics cognitive diagnostic interview measures*. Poster presented at the Annual Meeting of the National Council on Measurement in Education, San Diego, CA.
- ¹ Lee, Y.-S., Kim, G., **Park, Y. S.**, & Cho, M. (2009, April). *Diagnostic accuracy of mCLASS: Math technology-based assessment system and high-stakes testing for grade 3 mathematics*. Poster presented at the Annual Meeting of the Society for Research in Child Development, Denver, CO.

TEACHING

Course faculty

- 06/2013 – 11/2018 **Core Faculty, Master of Science in Patient Safety Leadership (MPSL)**, College of Medicine, University of Illinois at Chicago
- **Course Director**, *Quantitative Methods* (Onsite residency course; PSL 501; offered April, July, and November annually)
- 05/2012 – present **Core Faculty, Master in Health Professions Education (MHPE)**, College of Medicine, University of Illinois at Chicago
- **Core Faculty**, *Assessment Methods* (Spring 2012; Summer 2013; Spring 2014; Spring 2015; Spring 2016; Spring 2017; Fall 2018; MHPE elective)
 - **Course Director** (2022 – present; Core Faculty 2012 – 2021), *Instruction and Assessment* (MHPE 502 Core Course offered annually, alternating as intensive and longitudinal course)
 - **Course Director**, *Test Development* (Fall 2013; Fall 2014; Summer 2015; Fall 2017; MHPE elective)
 - **Course Director**, *Generalizability Theory* (Spring 2014; MHPE independent seminar)
 - **Course Director**, *Introduction to Quantitative Data Analysis* (Summer 2014; Summer 2015; Summer 2016; and Summer 2017; MHPE elective)
 - **Course Director**, *Intermediate Quantitative Data Analysis* (Spring 2017; MHPE elective)
- 05/2012 – present **Core Faculty, Doctor of Philosophy (Ph.D.) program in Health Professions Education**, College of Education, University of Illinois at Chicago
- **Course Director**, *Doctoral Research Project* (offered Fall, Spring, and Summer annually; CI 593)
- 07/2009 **Course Faculty, Master in Public Health (MPH)**, National Center for Disaster Preparedness, Mailman School of Public Health, Columbia University
- **Course Director**, *Statistical Treatment of Data* (offered Summer 2009; course for MPH students)

Course faculty: International programs

- 10/2018 – present **Core Faculty, Master of Medical Education (MME), Institute of Medical Education, University of Bern, Bern, Switzerland**
- **Course Director**, *Assessment in Health Professions Education* (Course Module 14.05; offered October 2018)

- 10/2015 – present **Core Faculty, Master of Medical Science in Medical Education (Ms.Med), King Abdulaziz University, Jeddah, Saudi Arabia**
 - **Core Faculty, *Instruction and Assessment in Health Professions Education*** (October 2015; October 2016; MEED 800 / MEED 825 core course)
- 05/2015 – present **Core Faculty, Master of Health Professions Education (MHPE), Taif University, Taif, Saudi Arabia**
 - **Core Faculty, *Instruction and Assessment in Health Professions Education*** (May 2015; MHPE 402502 core course)
 - **Course Director, *Advanced Assessment Methods*** (December 2016; MHPE 402508-2 core course)
- 02/2012 – 12/2013 **Core Faculty, Master in Health Professions Education (MHPE), KLE University, Belgaum, India**
 - **Course Director, *Assessment in Health Professions Education*** (Spring 2012; Fall 2012; Core course)

Course faculty: Professional Association

- 05/2022 **Expert Panel**, SEEF Fellows Program, National Board of Medical Examiners (NBME)
- 09/2020 – present **Course Faculty**, Advanced Research Methodology Evaluation and Design: Medical Education (ARMED MedEd), Society for Academic Emergency Medicine (SAEM)

Professional workshops

- 10/2023 *Educational Study Design*, Workshop Session for Program for Educators in Health Professions, Harvard Macy Institute (jointly with David Ansari), Virtual
- 03/2023 *Fundamentals of Assessment Reliability and Generalizability Theory*, Workshop for Yale University School of Medicine Master of Health Science – Medical Education program, Virtual
- 11/2022 *Applying Quantitative Approaches to Drive Education: Nuts and Bolts*, Workshop Session for Program for Educators in Health Professions, Harvard Macy Institute, Virtual
- 10/2022 *Measuring Competence through Systems of Assessments: Best Practices and Guidelines for Clinical Assessments*, Workshop Session

- for Systems Approach to Assessment in Health Professions Education, Harvard Macy Institute, Virtual
- 10/2022 *Educational Study Design*, Workshop Session for Program for Educators in Health Professions, Harvard Macy Institute (jointly with Subha Ramani), Virtual
- 03/2022 *Fundamentals of Assessment Reliability and Generalizability Theory*, Workshop for Yale University School of Medicine Master of Health Science – Medical Education program, Virtual
- 12/2021 *Applying Quantitative Approaches to Drive Education: Nuts and Bolts*, Workshop Session for Program for Educators in Health Professions, Harvard Macy Institute, Virtual
- 10/2021 *Measuring Competence through Systems of Assessments: Best Practices and Guidelines for Clinical Assessments*, Workshop Session for Systems Approach to Assessment in Health Professions Education, Harvard Macy Institute, Virtual
- 10/2021 *Educational Study Design*, Workshop Session for Program for Educators in Health Professions, Harvard Macy Institute (jointly with Subha Ramani), Virtual
- 05/2021 *Breaking down assessments: Understanding validity and reliability in surgery*, Conference workshop at the Annual Meeting of the Association for Surgical Education (jointly with Edmund Lee, John Martin, Elizabeth Huffman, Robert Naples, Amanda Phares, Laura Mazer, Cara Liebert, Dana Lin, and Ara Tekian), Virtual
- 05/2021 *Effective strategies to use ACS ERRA in assessing and addressing gaps in the decision-making skills of entering surgery resident*, Conference workshop at the Annual Meeting of the Association of Program Directors in Surgery (jointly with Kathy Liscum, Adnan Alseidi, Eric Lazar, Jennifer LaFemina, Maura Sullivan, Patrice Blair, Melissa Gesbeck, Kevin Wasielewski, and Ajit Sachdeva), Virtual
- 03/2021 *Operationalizing holistic selection of psychiatry residents in the absence of United States Medical Licensing Examination (USMLE) Step 1 scores: The nuts and bolts*, Conference workshop at the Annual Meeting of the American Association of Directors of Psychiatric Residency Training (jointly with Ara Tekian, Robert Marvin, Brett Lloyd, Senada Bajmakovic-Kacila, Ryan Finkenbine, Marla Hartzen, Art Walaszek, and Laurel Bessey), Virtual

- 03/2021 *Generalizability Theory*, Workshop for Yale University School of Medicine Master of Health Science – Medical Education program, Virtual
- 01/2021 *Understanding item analysis and reliability reporting in simulation research*, Conference workshop at the Annual Meeting of the International Meeting on Simulation in Healthcare (jointly with Kuan Xing), Virtual
- 04/2019 *The American College of Surgeons Entering Resident Readiness Assessment (ACS-ERRA): Optimizing Assessment Data for Resident and Program Improvement*, Conference workshop at the Annual Meeting of the Association of Program Directors in Surgery (jointly with Kathy Liscum, Georges Bordage, Maura Sullivan, Patrice Blair, Melissa Gesbeck, and Ajit Sachdeva), Chicago, IL [April 24, 2019]
- 04/2019 *Protecting the Quality of our Assessments: Understanding Validity and Reliability in Surgery*, Conference workshop at the Annual Meeting of the Association of Surgical Education (jointly with Edmund Lee, Tiffany Anderson, Elizabeth Huffman, John Martin, Dana Lin, James Lau, Jeremy Lipman, and Ara Tekian), Chicago, IL [April 26, 2019]
- 03/2019 *How do I code thee? Let me count the ways*, Conference workshop at the Annual Meeting of the Association of Test Publishers (ATP) Innovations in Testing (jointly with Deborah Harris, Catherine Welch, Stephen Dunbar, and JP Kim), Orlando, FL [March 19, 2019]
- 05/2018 *The American College of Surgeons Entering Resident Readiness Assessment (ACS-ERRA): Gaining Insights into the Decision-Making Skills of your Entering Residents*, Conference workshop at the Annual Meeting of the Association of Program Directors in Surgery (jointly with Kathy Liscum, Georges Bordage, Maura Sullivan, Patrice Blair, Melissa Gesbeck, and Ajit Sachdeva), Austin, TX [May 4, 2018]
- 11/2017 *Assessment Methods*, Workshop presented at the Faculty of Medicine at Taif University, Taif, Saud Arabia (jointly with Ara Tekian). [November 26-30, 2017]
- 12/2015 *Standard setting: Statistical considerations for examinee-based methods*, Workshop presented at the Copenhagen Academy for Medical Education and Simulation, University of Copenhagen, Denmark. [December 9, 2015]
- 06/2015 *Understanding generalizability theory – A primer*, Workshop presented at the Annual Meeting of the Association of Standardized

- Patient Educators (jointly with A. Blood, and R. Yudkowsky), Denver, CO. [June 15, 2015]
- 06/2015 *How to establish defensible passing standards for local performance tests*, Workshop presented at the Annual Meeting of the Association of Standardized Patient Educators (jointly with R. Yudkowsky, C. Nicholas, and J. Blatt), Denver, CO. [June 14, 2015]
- 01/2015 *Understanding generalizability theory: How to read and understand data arising from the use of useful measurement method without needing a PhD in psychometrics*, Workshop presented at the Annual Meeting of the International Meeting on Simulation in Healthcare (jointly with M. Lineberry, M. Adler, A. Calhoun, and M. McBride), San Francisco, CA. [January 12, 2015]
- 06/2014 *How to establish defensible passing standards for local performance tests*, Workshop presented at the Annual Meeting of the Association of Standardized Patient Educators (jointly with R. Yudkowsky, C. Nicholas, and J. Blatt), Indianapolis, IN. [June 22, 2014]
- 06/2014 *Reliability and validity in SP-based assessment – Demystifying tricky concepts*, Workshop presented at the Annual Meeting of the Association of Standardized Patient Educators (jointly with A. Blood), Indianapolis, IN. [June 24, 2014]
- 01/2014 *Understanding generalizability theory: How to read and understand data arising from the use of useful measurement method without needing a PhD in psychometrics*, Workshop presented at the Annual Meeting of the International Meeting on Simulation in Healthcare (jointly with M. Adler, A. Calhoun, and M. McBride), San Francisco, CA. [January 27, 2014]
- 01/2014 *Comparability in standards across four campuses*, University of Illinois College of Medicine: Conducted a workshop session for College of Medicine (Chicago, Peoria, Rockford, Urbana) students and student leaders on standard setting and instructional methods. [January 15, 2014]
- 10/2013 *Minimizing threats to valid clinical performance assessment*, University of Illinois College of Medicine: Conducted a full-day workshop for College of Medicine (Chicago, Peoria, Rockford, Urbana) clinical faculty (M3 and M4 clerkship directors) on rater training, formative assessment, and aggregating multiple assessment scores into a clinical grade. [October 2, 2013]

- 07/2013 *Psychometrics: Test scoring and item analysis*, University of Illinois College of Medicine: Conducted a full-day workshop for College of Medicine (Chicago, Peoria, Rockford, Urbana) testing support units on psychometrics concepts, test scoring, and item analysis. [July 30, 2013]
- 04/2013 *Test development: Blueprinting and standard setting*, University of Illinois College of Medicine: Conducted a full-day workshop for basic science course directors (M1 and M2) on alignment of assessments across University of Illinois College of Medicine campuses (Chicago, Peoria, Rockford, Urbana), including blueprinting and standard setting. [April 23, 2013]

LOCAL SERVICE

Service to the University

2023 –2026	Member, University Faculty Senate (elected; to begin in August)
2017 – 2020	Member, University Faculty Senate (re-elected for 2 nd term)
2014 – 2017	Member, University Faculty Senate (elected)

Service to the College of Medicine

2023	Member, Dean’s Admissions Retreat Planning Group
2022 – 2023	Member, Director of Assessment Search Committee
2013 – present	Consultant, Admissions Committee: Providing consultation services and quantitative data analysis to the Admissions Committee on refining policies on guaranteed admission, conditional admission, and selection of measures for improving admission
2012 – present	Consultant, Testing Services: Providing consultation services to the Testing Services on test development, item analysis, and research

Service to the Department of Medical Education

2022 – 2023	Co-Chair, 2023 MHPE Conference Planning Committee
2022 – 2023	Member, Open Rank Tenure-Track Faculty Search Committee
2021 – 2022	Co-Chair, Bridge to Faculty Postdoctoral Scholar Search Committee
2019 – 2020	Chair, Graduate Studies Committee
2019	Co-Chair, Open Rank Tenure-Track Faculty Search Committee
2019	Member, Director of Administrative Operation Search Committee
2019 – 2020	Chair, Program Evaluation Committee
2016 – present	Member, Advisory Committee
2015 – 2016	Chair, Resources and Infrastructure Committee (Strategic Planning)
2014 – 2015	Program Chair, 2015 MHPE Conference Planning Committee
2013 – 2016	Member, MHPE Thesis Award Committee
2013 – present	Member, Admissions Committee for MHPE and PhD applicants
2013 – 2014	Member, Strategic Planning: Research and Scholarship Task Force
2013	Member, Social Science Faculty Search Committee
2012 – present	Member, Graduate Studies Committee
2012 – 2013	Moderator, DME Quantitative Group
2012	Member, Simulation Faculty Search Committee

GRADUATE STUDENT ADVISING AND SUPERVISION: COMMITTEE CHAIR

<p>Noura Daffa, MBBS, MSc, PhD</p>	<p>Master of Health Professions Education (MHPE) [King Abdulaziz University, Jeddah, Saudi Arabia]</p>	<p>Using Multiple Mini Interviews to predict academic performance</p>	<p>Defended 2022</p>
<p>Yerko Berrocal, MD</p>	<p>Master of Health Professions Education (MHPE)</p>	<p>Administration of Formative Assessments in a Proctored Setting Improves Future Performance on Summative Assessment in Undergraduate Medical Education</p>	<p>Defended 2021</p>
<p>Nadia Bajwa, MD, MHPE</p>	<p>Doctor of Philosophy (PhD) in Health Professions Education</p>	<p>Exploration of Validity Evidence for the Professionalism Mini-Evaluation Exercise in a Residency Admissions Process</p> <p><i>Resulting publication-1:</i> Bajwa, N. M., Nendaz, M., Posfay-Barbe, K. M., Yudkowsky, R., & Park, Y. S. (2021). A meaningful and actionable professionalism assessment: Validity evidence for the Professionalism Mini- Evaluation Exercise (P-MEX) across eight years. <i>Academic Medicine</i>. Advance online publication (August 3, 2021). doi: 10.1097/ACM.0000000000004286</p> <p><i>Resulting publication-2:</i> Bajwa, N. M., Nendaz, M., Galetto-Lacour, A., Posfay- Barbe, K., Yudkowsky, R., & Park, Y. S. (2019). Can professionalism mini- evaluation exercise scores predict residency performance? Validity evidence across five longitudinal cohorts. <i>Academic Medicine</i>. Advance online publication (July 30, 2019). doi: 10.1097/ACM.0000000000002895</p>	<p>Defended 2021</p>
<p>Angela Blood, MBA, MPH</p>	<p>Doctor of Philosophy (PhD) in Health Professions Education</p>	<p>Medical School Use of Competency Frameworks in Learning Objectives: A National Study</p>	<p>Defended 2021</p>

Pedro Tanaka, MD, PhD	Doctor of Philosophy (PhD) in Health Professions Education	Entrustable professional activities (EPA) as a framework for workplace-based assessment in graduate medical education	Defended 2021
Holly Caretta-Weyer, MD	Master of Health Professions Education (MHPE)	Meeting expectations: What do emergency medicine program directors expect of entering interns based on the AAMC Core Entrustable Professional Activities for Entering Residency	Defended 2021
Lily Nguyen, MD	Master of Health Professions Education (MHPE)	Trying to stand out: Analysis of 'extracurricular' activities of Otolaryngology residency applicants	Defended 2020
Shar Alnefaie, MD	Master of Health Professions Education (MHPE) [Taif University, Taif, Saudi Arabia]	Assessing clinical reasoning of medical students in Saudi Arabia: A validity study of patient notes	Defended 2020
Tiffany Anderson, MD	Master of Health Professions Education (MHPE)	The Utility of Peers and Trained Raters in Technical Skill-Based Assessment <i>Resulting publication:</i> Anderson, T. N., Lau, J.N., Shi, R., Sapp, R. W., Aalami, L. R., Lee, E. W., Tekian, A., & Park, Y. S. (2021). The utility of peers and trained raters in technical skill-based assessments: A generalizability theory study. <i>Journal of Surgical Education</i> . Advance online publication (August 2, 2021). doi: 10.1016/j.jsurg.2021.07.002	Defended 2020
Marcio Gomes, MD	Master of Health Professions Education (MHPE)	Development of an instrument for workplace-based assessment of intra-operative pathology consultations <i>Resulting publication:</i> Gomes, M. M., Driman, D., Park, Y. S., Wood, T., Yudkowsky, T., & Dudek, N. (2021). Teaching and Assessing Intraoperative Consultations in Competency-Based Medical Education: Development of a Workplace-Based Assessment Instrument. <i>Virchows Archiv</i> . Advance online publication (May 8, 2021). doi: 10.1007/s00428-021-03113-6	Defended 2020

Elizabeth Gmitter	Doctor of Philosophy (PhD) in Health Professions Education	Validity evidence of multiple mini interviews for holistic admissions in physical therapy education	Defended 2019
Hani Nassar, PhD	Master of Health Professions Education (MHPE) [King Abdulaziz University, Jeddah, Saudi Arabia]	Comparative Evaluation of Weighted Mean and Composite Score for Combining Dental Undergraduate Assessment Components <i>Resulting publication:</i> Nassar, H., Park, Y. S., & Tekian, A. (2018). Comparison of weighted and composite scores for preclinical dental learners. <i>European Journal of Dental Education</i> , 22(3), 192-197. doi: 10.1111/eje.12313	Defended 2019
Mohammed Yousef, PhD	Master of Health Professions Education (MHPE) [King Abdulaziz University, Jeddah, Saudi Arabia]	Determining defensible cutoff scores for dental courses at King Abdulaziz University <i>Resulting publication-1:</i> Yousef, M. K., Alshawwa, L. A., Farsi, J. M., Tekian, A., & Park, Y. S. (2019). Determining defensible cutoff scores for dental courses. <i>European Journal of Dental Education</i> . Advance online publication (November 25, 2019). doi: 10.1111/eje.12483 <i>Resulting publication-2:</i> Yousef, M. K., Alshawwa, L., Tekian, A., & Park, Y. S. (2017). Challenging the arbitrary cutoff score of 60%: Standard setting evidence from preclinical operative dentistry course. <i>Medical Teacher</i> , 39(S1), S75-S79. doi: 10.1080/0142159X.2016.1254752	Defended 2019
Mark Davies, MD, PhD	Master of Health Professions Education (MHPE)	Endovascular simulation: A systematic review of the validity evidence, research methods, reporting quality, and outcomes	Defended 2019
Edmund Lee, MD	Master of Health Professions Education (MHPE)	Using self-determination theory to ease the transition into residency: A program evaluation	Defended 2019

Dara O Keefe, MD	Master of Health Professions Education (MHPE)	Evaluating the validity of a national multi-assessment system in postgraduate surgical training	Defended 2019
Dante Yeh, MD	Master of Health Professions Education (MHPE)	Improving the efficiency and validity of the selection process for general surgery residency <i>Resulting publication:</i> Yeh, D. D., Reynolds, J., Pust, G. D., Sleeman, D., Meizoso, J. P., Menzel, C., Horkan, D., Lineberry, M., Yudkowsky, R., & Park, Y. S. (2021). Publication inaccuracies listed in general surgery residency training program applications. <i>Journal of the American College of Surgeons</i> . Advance online publication (July 22, 2021). doi: 10.1016/j.jamcollsurg.2021.07.002	Defended 2019
AbdulRhman Alghamdi, MD	Master of Health Professions Education (MHPE) [Taif University, Taif, Saudi Arabia]	Prevalence of test-anxiety and its relationship with academic achievements: Findings from nursing, physical therapy, laboratory and radiology students in Taif City, Saudi Arabia	Defended 2019
Yousef Al-Thomali	Master of Health Professions Education (MHPE) [Taif University, Taif, Saudi Arabia]	Evaluating the Taif University Faculty of Dentistry (TUDENT) Model of Assessing Dental Undergraduate Student Professionalism: Validity Evidence and Feasibility	Defended 2019
Nisreen Aref Albezrah, MD	Master of Health Professions Education (MHPE) [Taif University, Taif, Saudi Arabia]	The Correlation of Emotional Intelligence, Gender and Academic Performance	Defended 2019
Dalal Nemanqani, MD	Master of Health Professions Education (MHPE) [Taif University, Taif, Saudi Arabia]	Validity Evidence of the Professionalism Mini-Evaluation Exercise: Consequences and Implications for New Directions in Saudi Arabia	Defended 2019

Ammar Al Shemrani	Master of Health Professions Education (MHPE) [Taif University, Taif, Saudi Arabia]	Validity and reliability evidence of competency based dental assessment system in BDS student	Defended 2019
Brittany Hasty, MD	Master of Health Professions Education (MHPE)	Validity evidence for a medical student assessment tool in knowledge of operating room sterile technique <i>Resulting publication:</i> Hasty, B. N., Lau, J. N., Tekian, A., Miller, S. E., Shipper, E. S., Merrell, S. B., Lee, E. W., & Park, Y. S. (2019). Validity evidence for a mastery-based assessment tool for scrub training knowledge. <i>Academic Medicine</i> . Advance online publication (October 1, 2019). doi: 10.1097/ACM.0000000000003007	Defended 2018
Hani Abozaid, MD	Master of Health Professions Education (MHPE) [Taif University, Taif, Saudi Arabia]	Impact of psychological distress on academic achievement of medical students	Defended 2018
Briseida Mema, MD	Master of Health Professions Education (MHPE)	Learning curves: Identifying and explaining growth trajectory of learners in bronchoscopy simulation – A mixed methods study <i>Resulting publication:</i> Mema, B., Mylopoulos, M., Tekian, A., & Park, Y. S. (2020). Using learning curves to identify and explain growth patterns of learners in bronchoscopy simulation: A mixed methods study. <i>Academic Medicine</i> . Advance online publication (July 14, 2020). doi: 10.1097/ACM.0000000000003595	Defended 2018
Bethany Harris	Master of Science in Patient Safety Leadership (MPSL)	Effect of text messages on improving patient medication adherence	Defended 2018

Hind Abdulmajed, MD	Master of Health Professions Education (MHPE) [King Abdulaziz University, Jeddah, Saudi Arabia]	Validity Evidence of the Multiple Mini-Interviews at Faculty of Medicine in King AbdulAziz University during 2012-2016: Challenges and Implications	Defended 2018
John Johnson, MD	Master of Health Professions Education (MHPE)	Lending a formative hand: Creation, implementation, and analysis of a novel test for nephrology trainees <i>Resulting publication:</i> Johnson, J., Schwartz, A., Lineberry, M., Rehman, F., & Park, Y. S. (2018). Development, administration, and validity evidence of a subspecialty preparatory test toward licensure: A pilot study. <i>BMC Medical Education</i> , 18(1), 1-7. doi: 10.1186/s12909-018-1294-z	Defended 2017
Jean-Marie Castillo, MD	Master of Health Professions Education (MHPE)	Teaching basic sciences in the health professions: A realist review of instructional design features and impact on clinical reasoning and learning outcomes <i>Resulting publication:</i> Castillo, J.M., Park, Y. S., Harris, I., Cheung, J. H., Sood, L., Clark, M. D., Kulasegaram, K., Brydges, R., Norman, G., & Woods, N. (2018). A critical narrative review of transfer of basic science knowledge in health professions. <i>Medical Education</i> , 52(6), 592-604. doi: 10.1111/medu.13519	Defended 2016
Shalini Reddy, MD	Master of Health Professions Education (MHPE)	Evaluating the use of a behaviorally anchored rating scale on the inter-rater reliability of the chart stimulated recall <i>Resulting publication:</i> Reddy, S. T., Tekian, A., Durning, S., Gupta, S., Endo, J., Affinati, B., & Park, Y. S. (2018). Preliminary validity evidence for a milestone-based rating scale for chart-stimulated recall. <i>Journal of Graduate Medical Education</i> , 10(3),	Defended 2016

269-275. doi: 10.4300/JGME-D-17-00435.1

Amal Bukhari, MD	Master of Health Professions Education (MHPE) [King Abdulaziz University, Jeddah, Saudi Arabia]	Differences in cultural values across Saudi Generations in medical education <i>Resulting publication:</i> Bukhari, A., Park, Y. S., Omayma, A. H., Tekian, A. (2019). Cultural influence on generational gaps: A case for medical education in the Gulf region. <i>Saudi Medical Journal</i> , 40(6), 601-610. doi: 10.15537/smj.2019.6.23863	Defended 2017
Hind Fallatah, MD	Master of Health Professions Education (MHPE) [King Abdulaziz University, Jeddah, Saudi Arabia]	A road map for 4 th year as an initiative for clinical year medical students mentoring programs <i>Resulting publication:</i> Fallatah, H., Tekian, A., Farsi, J., Alshawwa, L. A., & Park, Y. S. (2018). Mentoring clinical-year medical students: Factors contributing to effective mentoring. <i>Journal of Medical Education and Curricular Development</i> , 5, 1-6. doi: 10.1177/2382120518757717	Defended 2016
Sameer Al-Harhi, MD	Master of Health Professions Education (MHPE) [King Abdulaziz University, Jeddah, Saudi Arabia]	Critical appraisal of assessment practices in non-clinical decisions in undergraduate medical education in the Faculty of Medicine at King Abdul-Aziz University, Saudi Arabia	Defended 2016
Kristina Bond	Master of Science in Patient Safety Leadership (MPSL)	Central line associated blood stream infections: A reduction project	Defended 2016
Sara Naczas	Master of Science in Patient Safety Leadership (MPSL)	Improving handoff communication between a clinic and hospital	Defended 2015
Haldane Porteous, MD	Master in Patient Safety Leadership (MPSL)	Using an evidence based computerized clinical decision alert to reduce unnecessary blood transfusions in stable hospitalized patients and increase cost savings associated with unnecessary blood transfusion	Defended 2015

Andem Ekpenyong, MD	Master of Health Professions Education (MHPE)	Gathering evidence of validity and reliability of the milestones-based internal medicine continuity clinic evaluation data <i>Resulting publication:</i> Ekpenyong, A., Baker, E., Harris, I., Tekian A., Abrams, R., Reddy, S., & Park, Y. S. (2017). How do clinical competency committees use different sources of data to assess residents' performance on the Internal Medicine Milestones? A mixed methods pilot study. <i>Medical Teacher</i> , 39(10), 1074-1083. doi: 10.1080/0142159X.2017.1353070	Defended 2015
Andrea Leep Hunderfund, MD	Master of Health Professions Education (MHPE)	Validity and feasibility of a new workplace direct Observation tool assessing electrodiagnostic skills <i>Resulting publication:</i> Hunderfund, A. N., Rubin, D. I., Laughlin, R. S., Sorenson, E. J., Watson, J. C., Jones, L. K., Juul, D., & Park, Y. S. (2016). Validity and feasibility of the electromyography direct observation tool (EMG-DOT). <i>Neurology</i> , 86(17), 1627-1634. doi: 10.1212/WNL.0000000000002609	Defended 2015
Nadia Bajwa, MD	Master of Health Professions Education (MHPE)	Improving the reliability and validity of the resident selection process with the Professionalism Mini-Evaluation Exercise <i>Resulting publication:</i> Bajwa, N., Yudkowsky, R., Belli, D., Vu, N. V., & Park, Y. S. (2017). Improving the residency admissions process by integrating a professionalism assessment: A validity and feasibility study. <i>Advances in Health Sciences Education</i> , 22(1), 69-89. doi: 10.1007/s10459-016-9683-8	Defended 2014

Stephen Meth, JD	Master of Health Professions Education (MHPE)	Communication training for hospital staff and its impact on hospital consumer assessment of healthcare providers and systems (HCAHPS) scores	Defended 2014
Paul George, MD	Master of Health Professions Education (MHPE)	Comparison of medical school performance between students admitted through a combined baccalaureate program and through a standard route <i>Resulting publication:</i> George, P., Park, Y. S., Ip, J., Gruppuso, P. A., & Adashi, E. Y. (2016). The association between premedical curricular and admission requirements and medical school performance and residency placement: A study of two admission routes at the Warren Alpert Medical School of Brown University. <i>Academic Medicine</i> , 91(3), 388-394. doi: 10.1097/ACM.0000000000000922	Defended 2013

GRADUATE STUDENT ADVISING AND SUPERVISION: COMMITTEE MEMBER

Gregory Podolej, MD	Master of Health Professions Education (MHPE)	Rapid Cycle Deliberate Practice is More than Repetition: The Role of Subtasks in Mastery Learning	Defended 2022
Babak Givi, MD	Master of Health Professions Education (MHPE)	Needs Assessment in Head and Neck Surgical Oncology Training: A Qualitative Study of Expert Opinions	Defended 2022
Kimberly Fasula, MS, MPH	Doctor of Philosophy (PhD) in Health Professions Education	Assessing Interprofessional Education and Collaborative Practice Among Licensed Healthcare Professionals	Defended 2022
Erin Killorn, MD	Master of Health Professions Education (MHPE)	Development and multi-site validation of a Canadian In-Training Examination in Pediatric Emergency Medicine	Defended 2022
Heidi Alwassia	Master of Health Professions Education	Effect of Training Using High-versus Low-Fidelity Simulator	Defended 2022

	(MHPE) [King Abdulaziz University, Jeddah, Saudi Arabia]	Mannequins on Neonatal Intubation Skills of Pediatric Residents: A Randomized Controlled Trial	
Ellen Hagopian, MD	Master of Health Professions Education (MHPE)	Mastery Skill Assessment in Hepato-Pancreato-Biliary Surgical Ultrasound <i>Resulting publication:</i> Hagopian, E.J., Zyromski, N.J., Jeyarajah, D.R., Berber, E., Park, Y.S., Park, C., & Yudkowsky, R. (2021). Mastery Skill Assessment in Hepato-Pancreato-Biliary Surgical Ultrasound: It's a Matter of Entrustment. <i>American Journal of Surgery</i> . Advance online publication (August 12, 2021). doi: 10.1016/j.amjsurg.2021.08.014	Defended 2021
Beverley Robin, MD	Master of Health Professions Education (MHPE)	Concentrated versus distributed learning: Is there an optimal paradigm for the acquisition and maintenance of the technical skills of neonatal bag-valve-mask ventilation?	Defended 2021
Lauren Anderson	Doctor of Philosophy (PhD) in Health Professions Education	Studies on narrative assessments in graduate medical education	Defended 2021
Jamie A. Cvengros, PhD	Master of Health Professions Education (MHPE)	Assessment of Medical Student Communication Skills: The Rush Interpersonal & Communication Skills Rating Form	Defended 2021
Brianna McQuade, PharmD	Master of Health Professions Education (MHPE)	Do You Mind? A Mindfulness Curriculum for Pharmacy Students	Defended 2021
Stephanie Johnston, MD	Master of Health Professions Education (MHPE)	Assessing mastery of laparoscopic skills for a junior resident prior to entering into the operating room	Defended 2021

Darlene Nelson, MD	Master of Health Professions Education (MHPE)	Validity evidence for use of the Ontario Bronchoscopy Assessment Tool (OBAT) in simulated (cadaver-based) settings	Defended 2020
Randy Jensen, MD	Master of Health Professions Education (MHPE)	Longitudinal Analysis Of Continuing Medical Education Learning Outcomes In Relation To Stated Objectives <i>Resulting publication:</i> Dunson, B., Park, Y. S., Richards, B., Hirshfield L., & Jensen, R. L. (2021). A longitudinal comparison of continuing medical education learning objectives and intent-to-change statements of participants. <i>Journal of Continuing Education in the Health Professions</i> . Advance online publication (December 1, 2021). doi: 10.1097/CEH.0000000000000408	Defended 2020
E. Matt Ritter, MD	Master of Health Professions Education (MHPE)	Simulation-based mastery learning for the endoscopy training system: A strategy to improve performance in flexible gastrointestinal endoscopy <i>Resulting publication:</i> Ritter, E. M., Park, Y. S., Durning, S., & Tekian, A. (2021). The Impact of Simulation Based Training on the Fundamentals of Endoscopic Surgery Performance Examination. <i>Annals of Surgery</i> . Advance online publication (July 23, 2021). doi: 10.1097/SLA.0000000000005088	Defended 2020
Xiaodan Tang	Doctor of Philosophy (PhD) [College of Education, University of Illinois at Chicago]	Graphically Modeling Student Knowledge: A Bayesian Network Approach	Defended 2020
Christopher Mattson, MD	Master of Health Professions Education (MHPE)	Using a Receiver Operating Characteristic Analysis to Inform Weighting and Pass-Fail	Defended 2020

Determination for a Graduation
Competency Exam

Max Anderson	Doctor of Philosophy (PhD) [College of Education, Northern Illinois University]	Assessment of Faculty Acceptance of, Behavioral Intention to Use, and Actual Usage Behavior of Technology in Inquiry-Based Learning in Medical Education: Using the Unified Theory of Acceptance and Use of Technology Model	Defended 2020
Kuan Xing	Doctor of Philosophy (PhD) [College of Education, University of Illinois at Chicago]	Improving undergraduates' prior knowledge and motivation to enhance statistics performance	Defended 2020
Sarah Williams, MD	Master of Health Professions Education (MHPE)	Better Handoffs, Safer Patients" An institution-wide effort to improve transition of care: Important lessons learned as we prepare for harmonizing milestones 2.0	Defended 2020
David Diller	Master of Health Professions Education (MHPE)	A Long-Distance, Asynchronous, Pre-Residency Burnout and Well-Being Preparedness Curriculum for Incoming Emergency Medicine Interns	Defended 2020
Jeremy Lipman, MD	Master of Health Professions Education (MHPE)	An educational handover letter from medical schools to surgery residencies: A mixed method analysis <i>Resulting publication:</i> Lipman, J., Park, Y. S., & Tekian A. (2021). Content of an educational handover letter from medical school to surgery residencies: A mixed method analysis. <i>Academic Medicine</i> . Advance online publication (August 3, 2021). doi: 10.1097/ACM.0000000000004325	Defended 2019

Todd Guth, MD	Master of Health Professions Education (MHPE)	Validity evidence for the use of the core physical examination as an assessment of physical examination competencies in medical students	Defended 2019
Tim Graham, MD	Master of Health Professions Education (MHPE)	Minimum milestone achievement expectations for graduating family medicine residents	Defended 2019
Mazen Ishmael, MD	Master of Health Professions Education (MHPE) [King Abdulaziz University, Jeddah, Saudi Arabia]	A survey of medical faculty beliefs and practices for encouraging medical students on how to study	Defended 2019
Ghaliah Alnefaie	Master of Health Professions Education (MHPE) [Taif University, Taif, Saudi Arabia]	Survey Display the Situation of Humanism in Medicine College, Taif University	Defended 2019
Sami Al Kindy, MD	Master of Health Professions Education (MHPE) [Taif University, Taif, Saudi Arabia]	Saudi medical academics, research papers, potential Ghost writers and promotions in developing medical colleges	Defended 2019
Mohammed Abdulrahman Alblihed	Master of Health Professions Education (MHPE) [Taif University, Taif, Saudi Arabia]	Needs Assessment for a Leadership Course in Saudi Arabia	Defended 2019
Ahmed Alkhalaf	Master of Health Professions Education (MHPE) [Taif University, Taif, Saudi Arabia]	A needs' assessment of developing a Doctorate Clinical psychology program (D. Clin. Psychology) in the Gulf region <i>Resulting publication:</i> Alkhalaf, A. M., Tekian, A., & Park, Y. S. (2020). Needs assessment for developing a doctorate of clinical psychology program in Saudi Arabia. <i>World Journal of Advance Health Research</i> , 4(4), 127-144.	Defended 2019

Abdulraheem Ali Almalki	Master of Health Professions Education (MHPE) [Taif University, Taif, Saudi Arabia]	Needs Assessment for Interprofessional Education: Implications for Integration and Readiness for Practice <i>Resulting publication:</i> Almalki, A., Park, Y. S., & Tekian, A. (2021). Needs assessment for interprofessional education: Implications for integration and readiness for practice. <i>Healthcare</i> . Advance online publication (April 2, 2021). doi: 10.3390/healthcare9040411	Defended 2019
Saad Al-Zahrani, MD	Master of Health Professions Education (MHPE) [Taif University, Taif, Saudi Arabia]	Attitude of medical students and residents in two Saudi universities toward patient-centered care	Defended 2018
Ian Chua, MD	Master of Health Professions Education (MHPE)	Capturing the patient voice through patient experience debriefs: How medical student-led interviews of hospitalized families influence learning and reflection, a cluster randomized trial <i>Resulting publication:</i> Chua, I. S., Bogetz, A., Bhansali, P., Long, M., Holbreich, R., Kind, T., Ottolini, M., Park, Y. S., Lineberry, M., & Hirshfield, L. E. (2019). Capturing the patient voice through patient experience debriefs: How medical student-led debrief interviews of hospitalized families influence learning and reflection. <i>Academic Medicine</i> . Advance online publication (July 30, 2019). doi: 10.1097/ACM.0000000000002914	Defended 2018
Sherryn Rambihar, MD	Master of Health Professions Education (MHPE)	Validation of a simulation-based tool for formative assessment of echocardiography skill competence	Defended 2018

Nazih Youssef, MD	Master of Health Professions Education (MHPE)	Assessing ‘EPA-6: Provide an oral presentation of a clinical encounter’ during an OSCE station	Defended 2018
Lisa Reyes	Doctor of Philosophy (PhD) [College of Education, University of Illinois at Chicago]	Considerations of reusing multiple choice items to assess medical certification repeat examinees	Defended 2018
Kimberly Hudson	Doctor of Philosophy (PhD) [College of Education, University of Illinois at Chicago]	Transition from manual to automated test assembly: A comparison of equating methods	Defended 2018
Rani Ahmad	Master of Health Professions Education (MHPE) [King Abdulaziz University, Jeddah, Saudi Arabia]	Faculty development: Role of spaced and massed practice in transferring acquired educational skills to the real-life practice	Defended 2018
Carl Germann, MD	Master of Health Professions Education (MHPE)	Transition from undergraduate to postgraduate medical education: A scoping review <i>Resulting publication:</i> Germann, C. A., Strout, T., Park, Y. S., & Tekian A. (2019). Senior year curriculum in U.S. medical schools: A scoping review. <i>Teaching and Learning in Medicine</i> . Advance online publication (June 8, 2019). doi: 10.1080/10401334.2019.1618307	Defended 2018
Eric Shappell, MD	Master of Health Professions Education (MHPE)	Personal finance for residents: Curriculum development and outcomes <i>Resulting publication:</i> Shappell, E., Ahn, J., Ahmed, N., Harris, I., Park, Y. S., & Tekian, A. (2018). Personal finance education for residents: A qualitative study of resident perspectives. <i>Academic Emergency Medicine: Education & Training</i> ,	Defended 2018

2(3), 195-203. doi:
10.1002/aet2.10090

Robert Casanova, MD	Master of Health Professions Education (MHPE)	Concurrent versus post-encounter hypothesis-driven precepting	Defended 2018
Daniel Brandt Vegas, MD	Master of Health Professions Education (MHPE)	Validity, reliability, and feasibility of chart-stimulated recall as an assessment tool for reviewing overnight GIM consults with post-call night-float residents: A mixed-methods study	Defended 2018
Nabil Issa, MD	Master of Health Professions Education (MHPE)	Critical care fellowship simulation series	Defended 2017
Daniel Golden, MD	Master of Health Professions Education (MHPE)	Objective evaluation of a structured didactic curriculum for the radiation oncology medical student clerkship <i>Resulting publication:</i> Golden, D., Kauffmann, G., McKilip, R. P., Farnan, J., Park, Y. S., & Schwartz, A. (2018). Objective evaluation of a didactic curriculum for the radiation oncology medical student clerkship. <i>International Journal of Radiation Oncology, Biology, Physics, 101(5)</i> , 1039-1045. doi: 10.1016/j.ijrobp.2018.04.052	Defended 2017
Sara Wood, MD	Master of Health Professions Education (MHPE)	OBGYN resident learning needs in the gynecologic operating room	Defended 2016
David Taylor, MD	Master of Health Professions Education (MHPE)	A consensus Delphi to establish the stage-specific EPAs for internal medicine training in Canada <i>Resulting publication:</i> Taylor, D., Park, Y. S., Smith, C., Karpinski, J., Coke, W., & Tekian, A. (2018). Creating entrustable professional activities to assess internal medicine residents in training: A mixed-methods approach. <i>Annals of</i>	Defended 2016

Internal Medicine, 168(10), 724-729. doi: 10.7326/M17-1680

Ying Liu	Doctor of Philosophy [University of Illinois at Chicago]	Task-based language instruction in the mobile context	Defended 2016
Ara Vaporciyan, MD	Master of Health Professions Education (MHPE)	Creating a generalizable checklist for the construction of a coronary anastomosis using a Delphi approach <i>Resulting publication:</i> Vaporciyan, A. A., Fikfak, V., Lineberry, M. C., Park, Y. S., & Tekian, A. (2017). Consensus derived coronary anastomotic checklist reveals significant variability among experts. <i>The Annals of Thoracic Surgery</i> , 104, 2087-2092. doi: 10.1016/j.athoracsur.2017.07.029	Defended 2016
Naveed Yousuf, MD	Doctor of Philosophy [University Ambrosiana, Milan, Italy]	A validity study of decisions on high stakes objective structured clinical examinations: Analysis of psychometric properties and standard setting methods	Defended 2014
Valerie Lang	Master of Health Professions Education (MHPE)	Validity evidence for a key features examination to assess clinical decision making in medical students <i>Resulting publication:</i> Lang, V. J., Berman, N. B., Bronander, K., Harrell, H., Hingle, S., Holthouser, A., Leizman, D., Packer, C., Park, Y. S., Vu, T. R., Yudkowsky, R., Monteiro, S., & Bordage, G. (2019). Validity evidence for a brief online key features examination in the internal medicine clerkship. <i>Academic Medicine</i> , 94(2), 259-266. doi: 10.1097/ACM.0000000000002506	Defended 2015

Kevin Van Kanegan, DDS	Master of Health Professions Education (MHPE)	Use of qualitative methods to set standards for a portfolio component	Defended 2014
Andy Donato, MD	Master of Health Professions Education (MHPE)	Validity and feasibility of the Minicard workplace direct observation tool in a single training program	Defended 2013
		<i>Resulting publication:</i> Donato, A. A., Park, Y. S., George, D. L., Schwartz, A., & Yudkowsky, R. (2015). Validity and feasibility of the Minicard direct observation tool in one training program. <i>Journal of Graduate Medical Education</i> , 7(2), 225-229. doi: 10.4300/JGME-D-14- 00532.1	
Steve Schneid	Master of Health Professions Education (MHPE)	Effects of reducing the number of options on multiple-choice questions on a pharmacology exam on response time, psychometric characteristics, and standard setting	Defended 2013
		<i>Resulting publication:</i> Schneid, S. D., Armour, C., Park, Y. S., Yudkowsky, R., & Bordage, G. (2014). Reducing the number of options on MCQs: Response time, psychometrics, standard setting. <i>Medical Education</i> , 48(10), 1020- 1027. doi: 10.1111/medu.12525	