JENNIFER (SCHWARTZ) MUNDAY, PHD, MPH

**805 Anacapa Court**

**San Diego, CA 92109**

 **(619) 675-9698**

**jmunday@sdsu.edu**

**EDUCATION**

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| --- | --- | --- |
| 2013 | Postdoctoral Fellowship  | University of British Columbia; Vancouver, BC, Canada * Primary projects: 1) Supporting Tailored Approaches to Reducing Tobacco (START) – Decreasing Breast Cancer Incidence; 2) the British Columbia Adolescent Substance Use Survey (BASUS); and 3) the Douglas College Health and Wellness Survey
 |
| 2012 | Ph.D., Public Health  | University of California, San Diego / San Diego State University Joint Doctoral Program; San Diego, CA * Emphasis: Preventive Medicine / Health Behavior Research
* Dissertation: *Sleep and Markers of Cardiovascular Disease Risk in Elderly Alzheimer’s Caregivers*
 |
| 2008 | M.P.H., Health Policy | The George Washington University; Washington, DC * Thesis: *Limiting Food Marketing Directed at Children*
 |
| 2005 | B.A., BioPsychology  | Whitman College; Walla Walla, WA* Thesis: *Sleep Restoration Improves Serving Accuracy: A Study on Varsity Tennis Players*
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# CURRENT POSITIONS

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| 2020-current | **Program Director, San Diego State University Global Campus Public Health Programs****Global Campus / School of Public Health, College of Health and Human Services, San Diego State University; San Diego, CA*** **Programs:**
	+ **MPH in Health Promotion & Behavioral Science**
	+ **MPH in Epidemiology**
	+ **BS in Public Health**
	+ **Advanced Certificate in Public Health**
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| 2022-current | **Instructor, San Diego State University Global Campus** * **Course: “Human Sexuality and Disease” (required for the Bachelor of Science in Public Health)**
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| 2023-current | **Host and Producer of “If I Could Change One Thing”*** **The public health podcast of the School of Public Health at SDSU**
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# TEACHING EXPERIENCE

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| **2020-2022** | **Lecturer, UC San Diego****Department of Family Medicine and Public Health, UC San Diego School of Medicine; San Diego, CA*** **Course: “Introduction to Public Health” Spring 2020 (required for the Public Health Major within the Bachelor of Science in Public Health)**

Department of Urban Studies and Planning, UC San Diego* Course: “The U.S. Health Care System” Spring 2021 (required for the Public Health Major within the Bachelor of Science in Public Health)
 |
| **2018-2019** | **Assistant Professor (Tenure–Track)****Division of Health Sciences, College of Health, Human Services and Nursing, California State University Dominguez Hills; Los Angeles, CA*** **Developed and taught six semesters total of undergraduate courses required for the Bachelor of Science in Community Health and/or Health Care Management: “Healthcare Systems & Perspectives”, “Health Behavior”, “Introduction to Public Health”, and Health Policy Issues & Analysis”**
 |
| **2015-2017** | **Adjunct Professor****Master of Science in Healthcare Administration (MSHA) Program, College of Business, University of New Haven; New Haven, CT*** Developed and taught three semesters total of graduate courses in the MSHA program: “Health Care Economics and Finance” and “Introduction to Public Health”
 |
| 2008-2012 | **Teaching Associate**Graduate School of Public Health, San Diego State University; San Diego, CA* Developed and taught “Human Sexuality and Disease” (PH 353), an undergraduate public health course
* Assisted Dr. Carleen Stoskopf, Director of the Graduate School of Public Health at San Diego State University, with teaching duties for the “Hospital and Ambulatory Systems Management” graduate level course
* Developed and taught four semesters of “Introduction to Public Health”, a required undergraduate course for the Bachelor of Science in Public Health
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**LEADERSHIP ACTIVITIES**

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| **2018-2019** | **Member, Health Sciences Part-time Faculty Hiring Committee****Division of Health Sciences, College of Health, Human Services and Nursing, California State University Dominguez Hills; Los Angeles, CA** |
| **2015-2017**  | **Assistant Director**CORE Education, Training & Dissemination Center, Yale-New Haven Hospital Center for Outcomes Research & Evaluation (CORE), Yale University School of Medicine; New Haven, CT * **With the Director, Jennifer Mattera, DrPH, provided a spectrum of educational opportunities related to healthcare quality and population health for CORE faculty and staff**
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**RESEARCH EXPERIENCE**

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| 2017-2018 | **Senior Researcher**Partnership for Health Analytic Research, LLC; Beverly Hills, CA* Led multiple research projects focused on public health and healthcare services outcomes for industry clients
 |
| 2013-2017 | **Associate Research Scientist (Faculty)**Yale University School of Medicine / Yale-New Haven Hospital, Center for Outcomes Research & Evaluation (CORE); New Haven, CT * Led multiple teams and research funded by the Centers for Medicare & Medicaid Services (CMS) focused on measuring, tracking, and publicly reporting national progress on healthcare quality outcomes
 |
| 2012-2013 | **Postdoctoral Fellow** School of Population and Public Health, University of British Columbia; Vancouver, BC, Canada * Primary projects: 1) Supporting Tailored Approaches to Reducing Tobacco (START) – Decreasing Breast Cancer Incidence; 2) the British Columbia Adolescent Substance Use Survey (BASUS); and 3) the Douglas College Health and Wellness Survey
 |
| 2012-2013 | **Research Associate**Men’s Health Initiative of British Columbia, Vancouver General Hospital; Vancouver, BC, Canada* Worked with a team of researchers and clinicians to develop, evaluate, and externally validate an online health risk assessment tool
 |
| 2009-2012 | **Research Associate**Vascular Disease Foundation; San Diego, CA* Collaborated with a writing group to develop a meta-analysis focusing on the burden of peripheral arterial disease in North America
 |
| 2010-2011 | **Graduate Research Assistant**Santech Health, Incorporated; San Diego, CA* Responsible for data collection, creation of intervention text messages, and participant retention for the Text4Diet randomized controlled trial, a 12-month text-messaging weight loss program funded by the National Institutes of Health (NIH) / National Cancer Institute (NCI)
 |
| 2008-2011 | **Graduate Research Assistant**Moores Cancer Center, University of California San Diego Health System; San Diego, CA* Assisted with research duties for the Women’s Healthy Eating and Living (WHEL) study (funded by the National Institutes of Health (NIH) / National Cancer Institute (NCI)), including data analysis, manuscript preparation, and conference presentations
* Performed various research duties for the Lifescore Study (Principle Investigator: Matthew Allison MD, MPH), including quantifying coronary artery calcium from CT scans, data analysis, manuscript preparation, and conference presentations
 |
| 2007-2008 | **Graduate Research Assistant**Center for Health Services Research and Policy, Department of Health Policy, The George Washington University; Washington, DC* Assisted with research duties for the Clinically Informed Outcomes Management Research Study (funded by the Substance Abuse Mental Health Services Administration), including data collection, manuscript preparation, and supervision of training sessions for clinicians involved in the study

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| 2006-2007 | **Health Policy Intern**Office of Congresswoman Susan Davis (D-CA), United States House of Representatives; Washington, DC* Researched current health policy issues, prepared reports and speeches for the Congresswoman, and attended daily staff meetings

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| 2005-2006 | **Neuropsychometrician** Kathryn Severyns Dement Sleep Disorders Center, St. Mary Medical Center;Walla Walla, WA* Responsible for data collection at this study site for the Apnea Positive Pressure Long-Term Efficacy Study (APPLES), a five-year long nationwide clinical study, funded by the National Institutes of Health (NIH) / National Heart, Lung, and Blood Institute
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# OTHER EXPERIENCE

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| **2002-2003** | **Psychology Intern****Washington State Penitentiary; Walla Walla, WA** * **Shadowed professional psychologists in correctional mental health settings**
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# INVITED SPEAKING ENGAGEMENTS AND PRESENTATIONS

 **Guest Lectures**

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| 2017: | Lecturer, University of New Haven, **Master of Science in Healthcare Administration Program: “Healthcare Quality and Quality Improvement”** |
| 2016: | Lecturer, Yale University School of Medicine, Physician Associate Program: “Introduction to Research: Study Design II” |
| 2015: | Lecturer, University of New Haven, **Master of Science in Healthcare Administration Program: “Healthcare Value: Expenditures and Quality”** |
| 2015: | Lecturer, Yale University School of Medicine, Physician Associate Program: “Introduction to Research: Study Design I & II” |
| 2014: | Lecturer, Yale University School of Medicine, Physician Associate Program: “Introduction to Research: Study Design I & II” |
| 2014: | Lecturer, Yale University School of Medicine: “Epidemiology and Public Health: Measures of Disease Frequency and Primary Prevention of Disease”  |
| 2012: | Lecturer, University of British Columbia, Public Health Seminars: “What is Public Health” |

 **Oral and Poster Presentations**

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| 2018: | ISPOR Asia Pacific 2018, Tokyo, Japan, “Early Initiation of Long-Acting Injectable Antipsychotic Treatment is Associated with Lower Healthcare Resource Use and Costs in Patients with Schizophrenia”. |
| 2018: | ISPOR 23rd Annual International Meeting 2018, Baltimore, MD, “Healthcare Utilization and Cost Among Patients with Hereditary Transthyretin (HATTR) Amyloidosis”. |
| 2018:  | AMCP Managed Care & Specialty Pharmacy Annual Meeting 2018, Boston, MA, "Disease Burden of Hereditary Transthyretin (hATTR) Amyloidosis: Analysis of Real-World Data".  |
| 2016:  | AcademyHealth 2016 Annual Research Meeting, Boston, MA, “Development of Hospital-Level Measures of 30-Day Mortality Following Acute Ischemic Stroke Hospitalization”. |
| 2015:  | Quality of Care and Outcomes Research (QCOR) 2015 Scientific Session, Baltimore, MD, “Variation in the Content and Timing of Informed Consent in Cardiovascular Procedures: An Opportunity to Improve Decision-Making”. |
| 2013: | Canadian Public Health Association 2013 Annual Conference Moving Public Health Forward: Evidence, Policy, Practice, Ottawa, Ontario, Canada, “Impact of tailored, internet-delivered messages on knowledge, risk perceptions, and information seeking related to tobacco smoke exposure and breast cancer: a randomized controlled trial”. |
| 2010:  | The 23rd Scientific Meeting of the International Society of Hypertension, Vancouver, British Columbia, Canada, “Health Behavior Modification After Electron Beam Computed Tomography and Physician Consultation”.  |
| 2005:  | Western Psychological Association 85th Annual Convention, Portland, OR, “Effects of Sleep on the Accuracy of the Tennis Serve”.  |
| 2005:  | Associated Professional Sleep Societies 19th Annual Meeting, Denver, CO, “Sleep Extension Improves College Athletic Performance”. |
| 2005:  | The Seventh Annual Whitman College Undergraduate Conference, Walla Walla, WA, “Sleep Restoration Improves Serving Accuracy: A Study on Varsity Tennis Players”. |

# GRANTS & FELLOWSHIPS

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| --- | --- |
| Agency: | Canadian Breast Cancer Research Alliance / Canadian Breast Cancer Foundation |
| Title: | “Supporting Tailored Approaches to Reducing Tobacco” |
| P.I.: | Chris G. Richardson, PhD, MS |
| Percent effort: | 100% |
| Direct costs per year: | $50,000 |
| Project period: | 06/01/2012-08/01/2013 |
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| Agency: | National Institutes of Health / National Institutes of General Medical Sciences |
| ID#: | T32 GM084896 |
| Title: | Transdisciplinary Training for Predoctoral Behavioral Scientists  |
| P.I.: | Melbourne F. Hovell, PhD, MPH |
| Percent effort: | 100% |
| Direct costs per year: | $50,000 |
| Project period: | 07/01/2008-06/01/2012 |

**PROFESSIONAL SERVICE**

**Peer Review Groups/Grant Study Sections**

2012-13: Fraser Health Authority: Seed Grant Reviewer, Health Behavior Track

**Journal Service**

Editorial Board Member: *Remedy Open Access, Sleep Disorders*

Ad-hoc reviewer: *Journal of Medical Internet Research; International Journal of Environmental Research and Public Health; PLoS ONE; International Journal of Sports and Exercise Medicine; Therapeutics and Clinical Risk Management*

**Professional Organizations**

Member, American Public Health Association

Member, International Society of Hypertension

Member, American College of Sports Medicine

**BIBLIOGRAGHY**

**Peer-Reviewed Original Research**

1. **Schwartz, J.,** Allison, M.A., & Wright, C.M. Health Behavior Modification After Electron Beam Computed Tomography and Physician Consultation. *Journal of Behavioral Medicine* 2011,34(2):148-155. doi:10.1007/s10865-010-9294-4.
2. **Schwartz, J.,** Allison, M.A., Rifkin, D.E., & Wright, C.M. Influence of Patients’ Coronary Artery Calcium on Subsequent Medication Use Patterns. *American Journal of Health Behavior* 2012, 36(5):628-638. doi:10.5993/AJHB.36.5.5.
3. **Schwartz, J.,** Allison, M.A., Ancoli-Israel, S., Hovell, M.F., Patterson, R., Natarajan, L., Marshall, S., & Grant, I. Napping and Less Disturbed Sleep Associated with Reduced Carotid Intima-Media Thickness in Alzheimer Caregivers. *The Open Sleep Journal* 2012,5:43-50. doi:10.2174/1874620901205010043.
4. **Schwartz, J.,** Allison, M.A., Ancoli-Israel, S., Hovell, M.F., Patterson, R., Natarajan, L., Marshall, S., & Grant, I. Sleep, type 2 diabetes, dyslipidemia, and hypertension in elderly Alzheimer’s caregivers. *Archives of Gerontology and Geriatrics* 2013*,* 57(1):70-77. doi:10.1016/j.archger.2013.02.008.
5. **Schwartz, J.,** Allison, M.A., Ancoli-Israel, S., Hovell, M.F., Patterson, R., Natarajan, L., Marshall, S., & Grant, I. Nighttime Sleep Duration and Efficiency Associated with Plasma Catecholamine Concentrations in Elderly Alzheimer’s Caregivers. *International Journal of Gerontology* 2013*.*
6. Richardson, C.G., **Schwartz, J.,** Struik, L., & Bottorff, J.L. Adapting the Stage of Change Model to investigate adolescent behavior related to reducing second hand smoke exposure. *Open Journal of Preventive Medicine* 2013,3(2):160-164. doi:10.4236/ojpm.2013.32021.
7. **Schwartz, J.,** Bottorff, J.L., & Richardson, C.G. Secondhand smoke exposure, restless sleep, and sleep duration in adolescents. *Sleep Disorders* 2014. doi:10.1155/2014/374732.
8. **Schwartz, J.,** Graham, R., Struik, L., Bottorff, J.L., & Richardson, C.G. An examination of second-hand cigarette smoke exposure among adolescent girls in Canada. *BMC Public Health* 2014, 14:468. doi:10.1186/1471-2458-14-468.
9. **Schwartz, J.,** Bottorff, J.L., Ratner, P.A., Gotay, C., Johnson, K.C., Memetovic, J., & Richardson, C.G. Effect of Web-Based Messages on Girls’ Knowledge and Risk Perceptions Related to Cigarette Smoke and Breast Cancer: 6-Month Follow-up of a Randomized Controlled Trial. *JMIR Research Protocols* 2014.doi:10.2196/resprot.3282.
10. **Schwartz, J.** & Richardson, C.G. Exploring the Potential for Internet-Based Interventions for Prevention and Treatment of Overweight and Obesity in College Students. *Global Health Promotion* 2014. doi:10.1177/1757975914547546.
11. Pourmalek F., Goldenberg SL., Ho K., Skeldon SC., **Schwartz J**., Mroz L., Rachert J., Hartrick W., Patrick DM. (under review). Development and case-control validation of the Canadian Men’s Health Risk Assessment Tool: “You Check”. *Canadian Medical Association Journal*.
12. **Schwartz J**. and Simon R.D. Sleep Restoration Improves Serving Accuracy: A Study with Collegiate Varsity Tennis Players. *Physiology & Behavior* 2015, 151:541-544. doi:10.1016/j.physbeh.2015.08.035.
13. **Schwartz J.,** Dreyer RP., Murugiah K., Ranasinghe I. Contemporary Pre-Hospital Emergency Medical Services Response Times for Stroke in the United States. *Pre-Hospital Emergency Care.*
14. Shahu A., **Schwartz J.**, Perez M., Bernheim SM., Krumholz HM., Spatz ES. Discerning quality: an analysis of informed consent documents for common cardiovascular procedures. *BMJ Quality and Safety* 2016. doi:10.1136/bmjqs-2016-005663.
15. **Schwartz J.**, Wang Y., Qin L., Schwamm L., Fonarow G., Cormier N., Dorsey K., McNamara RL., Suter L., Krumholz H., Bernheim S. Incorporating Stroke Severity into Hospital Measures of 30-Day Mortality After Ischemic Stroke Hospitalization. *Stroke* 2017, 48:01-20. doi:10.1161/strokeaha.117.017960.
16. Broder M., Greene M., Chang E., Hartry A., Touya M., **Munday J.**, Yan T. Healthcare Resource Use, Costs, and Diagnosis Patterns in Patients with Schizophrenia and Bipolar Disorder: Real-World Evidence from US Claims Databases. *Clinical Therapeutics* 2018, 1-13. https://doi.org/10.1016/j.clinthera.2018.08.004.
17. **Munday J.**, Chang E., Hartry A., Yan T., Greene M., Broder M. Early Initiation of Long-Acting Injectable Antipsychotic Treatment is Associated with Lower Hospitalization Rates and Healthcare Costs in Patients with Schizophrenia: Real-World Evidence from US Claims Data. *Journal of Comparative Effectiveness Research* 2018.
18. Yan T., Greene M., Chang E., Broder M., Touya M., **Munday J.**, Hartry A. Hospitalization Risk Factors in Antipsychotic-Treated Schizophrenia, Bipolar I Disorder, or Major Depressive Disorder. *Journal of Comparative Effectiveness Research* 2018.
19. Quock T., Chang E., **Munday J.,** D’Souza A., Gokhale S., Yan T. Mortality and Healthcare Costs in Medicare Beneficiaries with AL Amyloidosis. *Journal of Comparative Effectiveness Research* 2018*.*
20. Li S-X., Wang Y., Lama S., **Schwartz J.**, Herrin J., Mei H., Lin Z., Bernheim S., Spivack S., Krumholz H., Suter L. Timely Estimation of National Admission, Readmission, and Observation-Stay Rates in Medicare Patients with Acute Myocardial Infarction, Heart Failure, or Pneumonia Using Near Real-Time Claims Data. *BMC Health Services Research* 2020*.*

**National Technical Reports**

1. **Schwartz, J.**, Strait, KM., Keshawarz, A., Vellanky, SS., Reilly, EM., Curtis, JP., Deacon, SE., Gorby ME., Li, SX., Grady, JN., Zhang, W., Horwitz, LI., Lin, Z., Krumholz, HM., Bernheim, SM., Suter, LG. (2014). *Medicare Hospital Quality Chartbook: Performance Report on Outcome Measures.* Prepared by Yale New Haven Health Services Corporation Center for Outcomes Research and Evaluation (CORE) for the Centers for Medicare & Medicaid Services.
2. **Schwartz J**., Suter L., Li S-X., Wang Y., Clopper B., Dykhoff H., Bernheim S., Krumholz HM. (2015). *Real-Time Reporting Implementation Plan.* Prepared by Yale New Haven Health Services Corporation Center for Outcomes Research and Evaluation (CORE) for the Centers for Medicare & Medicaid Services.
3. Li S-X., **Schwartz J**., Suter L., Wang Y., Clopper B., Dykhoff H., Herrin J., Bernheim S., Krumholz HM. (2015). *Readmission and Observation Stay Real-Time Reporting Methodology Report.* Prepared by Yale New Haven Health Services Corporation Center for Outcomes Research and Evaluation (CORE) for the Centers for Medicare & Medicaid Services.
4. **Schwartz, J.,** Keshawarz, A., Dykhoff, H., Wang, Y., Qin, L., Bernheim, S. (2015). *Claims-Based and Hybrid Measures of* *30-Day Mortality Following Acute Ischemic Stroke Hospitalization that Incorporate Risk Adjustment for Stroke Severity: Technical Report.* Prepared by Yale New Haven Health Services Corporation Center for Outcomes Research and Evaluation (CORE) for the Centers for Medicare & Medicaid Services.
5. Dorsey K., Grady J., Desai N., Lindenauer P., **Schwartz J.**, Kwon J., Wang C., DeBuhr J., Bernheim S., Krumholz H. (2016). *2016 Condition-Specific Measures Updates and Specifications Report Hospital-Level 30-Day Risk-Standardized Mortality Measures.* Prepared by Yale New Haven Health Services Corporation Center for Outcomes Research and Evaluation (CORE) for the Centers for Medicare & Medicaid Services.
6. Li S-X., **Schwartz J**., Suter L., Wang Y., Mei H., McCole K., Herrin J., Bernheim S., Krumholz HM. (2016). *Readmission and Observation Stay Real-Time Reporting Methodology Report.* Prepared by Yale New Haven Health Services Corporation Center for Outcomes Research and Evaluation (CORE) for the Centers for Medicare & Medicaid Services.
7. Dorsey K., **Schwartz J.,** Grady J., Zhou S., Kwon J., Sutton L., Ackley J., Crowder L., Aryee S., Johnson-DeRycke R., Bernheim SM., Desai N., Lindenauer P., McNamara R., Ross J. *2016 Measure Reevaluation Focused Empirical Analysis: Hierarchical Condition Category (HCC) Update and ICD-10-CM Transition.* Prepared by Yale New Haven Health Services Corporation Center for Outcomes Research and Evaluation (CORE) for the Centers for Medicare & Medicaid Services.
8. Desai M., Parzynski C., Bao H., Altaf F., Zogg C., Norton E., LoDolce M., **Schwartz J**., Lin Z., Krumholz H., Drye E. (2016). *Hospital Visits after Orthopedic Procedures Performed at Ambulatory Surgical Centers.* Prepared by Yale New Haven Health Services Corporation Center for Outcomes Research and Evaluation (CORE) for the Centers for Medicare & Medicaid Services.
9. **Schwartz J**., Parzynski C., Bao H., Altaf F., Zogg C., Norton E., LoDolce M., Desai M., Lin Z., Krumholz H., Drye E. (2016). *Hospital Visits after Urology Procedures Performed at Ambulatory Surgical Centers.* Prepared by Yale New Haven Health Services Corporation Center for Outcomes Research and Evaluation (CORE) for the Centers for Medicare & Medicaid Services.
10. Simoes J., Grady JN., DeBuhr J., Parisi ML., Desai N., Lindenauer PK., **Schwartz J.**, Kwon JY., Zhou S., Lin Z., Dorsey K., Bernheim S., Krumholz HM. (2017). *2017 Condition-Specific Measures Updates and Specifications Report, Hospital Level 30-Day Risk-Standardized Readmission Measures.* Prepared by Yale New Haven Health Services Corporation Center for Outcomes Research and Evaluation (CORE) for the Centers for Medicare & Medicaid Services.
11. Simoes J., Grady JN., DeBuhr J., Parisi ML., Desai N., Lindenauer PK., **Schwartz J.**, Kwon JY., Zhou S., Lin Z., Dorsey K., Bernheim S., Krumholz HM. (2017). *2017 Condition-Specific Measures Updates and Specifications Report, Hospital Level 30-Day Risk-Standardized Mortality Measures.* Prepared by Yale New Haven Health Services Corporation Center for Outcomes Research and Evaluation (CORE) for the Centers for Medicare & Medicaid Services.

**CERTIFICATIONS & PROFESSIONAL DEVELOPMENT**

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| --- | --- |
| 2019: | CSUDH Certificate of Appreciation for Use of Library E-Books Resulting in Exceptionally High Usage and Savings Opportunities for Students  |
| 2013: | American College of Sports Medicine (ACSM) Certified Personal Trainer |
| 2013: | Basic Life Support for Healthcare Providers (CPR &AED) |
| 2012: | Foundations of Project Management Workshop, Faculty of Graduate Studies, University of British Columbia; Vancouver, BC, Canada |
| 2012: | Instructional Skills Workshop, Center for Teaching, Learning and Technology, University of British Columbia; Vancouver, BC, Canada |

**AWARDS & HONORS**

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| 2019: | Faculty Member of The Alpha Eta Society  |
| 2019:  | Certificate of Appreciation for Outstanding Participation in the CSU/CSUDH Affordable Learning Solutions Initiative and Contribution to Student Learning by Reducing Textbook and Learning Materials Costs |
| 2006: | Health Promotion Track Representative, The George Washington University School of Public Health |
| 2001: | Most Valuable Player Award from The Bishop's School for Varsity Tennis |
| 1995: | First Place on uneven bars in the YMCA California State Gymnastics Championships |

**SKILLS**

* Microsoft (MS) Excel, PowerPoint, Word, Zotero, SAS, SPSS, EndNote, Refworks, MS Project, Visio, Zoom, Canvas, Blackboard
* Spanish proficiency