

Quinn Kennedy, PhD

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Operations Research Department

Naval Postgraduate School

Monterey, CA, 93943

Education:

Stanford University, Stanford, California.

Doctor in Philosophy, Personality Psychology, 8/02.

Dissertation: Aging, emotion, and reconstruction of long-term autobiographical memory: Testing a motivational hypothesis.

Advisor: Laura L. Carstensen.

Reading Committee: Gordon Bower, Robert Zajonc, and Laura L. Carstensen.

Vassar College, Poughkeepsie, New York.

Bachelor of Science, Psychology, 5/93.

Senior Independent Research: Attachment Style and Conflict Resolution Strategies, With Distinction.

Instituto Internacional, Madrid, Spain.

Universitario de Santiago, Santiago de Compostela, Spain.

Selected for the Vassar-Wesleyan-Colgate Junior Year Abroad Program in Spain, 8/91–12/91.

Awards:

- Richard W. Hamming Faculty Award for Interdisciplinary Achievement, 2020.
- Recognition for Outstanding Teaching, Operations Research Department, Naval Postgraduate School, 2008–2018.
- Naval Postgraduate School Rear Admiral John Jay Schieffelin Award for Teaching Excellence finalist, 2007 and 2008.
- National Institute of Health (NIH) Research Minority Supplement Grant Award Recipient, 2004–2006.
- American Psychological Association accreditation awarded to VA Special Fellowship Program in Advanced Psychology, VA Palo Alto (First author), 2004.
- VA Incentive Award, 2003.
- Margret M. Baltes Doctoral Dissertation Award Recipient, 2003.
- Selected to attend the NIH/NIA Summer Institute on Aging Research, 2003.
- APA Board of Education Affairs Block Grant Award for Workshops for Graduate and Professional Education and Training in Psychology (First author), 2004.
- Stanford University Graduate Research Opportunity Funds awarded for dissertation study, 2001.
- Stanford University Department of Psychology Recognition for Scholarly Achievement, 1998–2001.
- National Science Foundation Minority Graduate Research Fellowship, 1998–2001.

- NCAA III Scholar Athlete, 1993.
- Seven Sisters Scholar Athlete, 1993.

Research Experience:

Research Associate Professor, Naval Postgraduate School, Monterey, CA (12/19–current). Conduct research focused on accelerating human performance and training. Advise student theses.

Research Associate II, Stanford University/VA Palo Alto, Palo Alto, CA (10/07–9/15). Conducted research examining the roles of individual difference factors on age-related declines in aircraft navigation. Wrote and submitted manuscripts for publications and grant proposals. Presented findings at national conferences. Provided conceptual feedback on grant submissions and manuscripts.

Postdoctoral Fellow, Dept. of Psychiatry and Behavioral Sciences, Stanford University, Stanford, CA (10/04–10/07). Investigated the role of expertise on age-related declines in aircraft navigation. Received training on conducting statistical analyses for complex longitudinal data on aging. Wrote and submitted manuscripts for publications. Presented findings at national conferences.

Health Scientist Specialist/ Assistant Director, VA Palo Alto, 3801 Miranda Ave, Palo Alto, CA (6/01–9/04). Conducted research on the relationship between aging, emotion, and memory. Provided conceptual and practical feedback on the goals, structure, and products of a newly developed national fellowship program. Designed and developed fellowship website, brochure, and recruiting materials. Organized and disseminated educational information to fellows and directors. Coordinated monthly national videoconference seminars and meetings. Provided conceptual feedback on manuscripts, grant applications, and national presentations.

Research Coordinator, Dept. of Psychiatry and Behavioral Sciences, Stanford University, Stanford, CA (12/97–3/99). Helped create and oversee a longitudinal study. Devised organizational procedures for research assistants. Conducted clinical interviews in both Spanish and English with an at-risk population. Coded and analyzed psychological data.

Assistant Research Coordinator, Dept. of Psychiatry and Behavioral Sciences, Stanford University, Stanford, CA (10/95–8/97). Determined eligibility and recruited prospective participants. Devised baseline and follow-up schedules that met participant's level of functioning and comfort. Coordinated schedules with research assistants, clinicians, and nursing personnel. Ensured the integrity of each protocol was maintained. Analyzed psychological data. Co-led weekly scheduling meetings. Assisted in grant proposal and manuscript writing.

Social Science Research Assistant, Dept. of Psychiatry and Behavioral Sciences, Stanford University, Stanford, CA (3/95–10/95). Administered and scored batteries of cognitive and memory tests. Devised follow-up schedules. Coordinated with other research assistants and clinicians. Maintained contact with families and updated patient's level of functioning.

Teaching Experience:

Senior Lecturer, Operations Research Dept., Naval Postgraduate School, Monterey, CA (4/12–12/19). Taught Master's level introductory statistics and research methods courses. Advise students on theses.

Lecturer, Operations Research Dept., Naval Postgraduate School, Monterey, CA (1/07–4/12). Teach Master's level introductory statistics and probability courses.

Teaching Assistant, Dept. of Psychology, Stanford University, Stanford, CA. Duties included leading sections, grading assignments and evaluations, creating lecture notes, and holding office hours.

- Statistics: Teaching Assistant and Section leader (2001).
- Private statistics tutor (2001).
- Abnormal Psychology: Teaching Assistant (2000).
- Developmental Psychology: Teaching Assistant (2000).
- Personality Psychology: Teaching Assistant (1999).
- Psychology of Gender: Teaching Assistant (1999).
- Introduction to Psychology: Teaching Assistant and Section leader (1998).

Thesis Advising:

- Fetterolf, C. Captain, U.S. Marine Corps. *Using Augmented Reality to Enhance Situational Awareness for Aircraft Towing*. Thesis Advisor. MS in Modeling, Virtual Environments and Simulation, Naval Postgraduate School 2020.
- Sporrer, A. Captain, U.S. Air Force. *A Mathematica Model for Active Shooter Incidents. Second Reader*. MS in Operations Research, Naval Postgraduate School, 2020. MORS Tisdale finalist. Outstanding Thesis.
- Loeffelman, G. Captain, U.S. Marine Corps. *Developing A Scaled Performance Evaluation Measurement System to Evaluate Marine Performance*. Thesis co-advisor. MS in Modeling, Virtual Environments and Simulation, Naval Postgraduate School, 2019. Outstanding Thesis. Graduated with Distinction. Recipient of the United States Marine Corps Superior Service Award and the MOVES George Phillips Award.
- Hanley, B. Lieutenant Colonel, U.S. Army. *Testing a Cognitive Alignment-based Training Model to Accelerate Optimal Decision-making in a Platoon-formation Task*. Thesis Advisor. MS in Modeling, Virtual Environments and Simulation, Naval Postgraduate School, 2018. Outstanding Thesis.
- Aleem, S. Squadron Leader, Pakistan Air Force. *Analysis of Shiphandlers' Eye-Gaze and Simulation Data for Improvements in COVE-ITS System*. Thesis Advisor. MS in Operations Research, Naval Postgraduate School, 2017. Outstanding Thesis. Recipient of the Surface Navy Association Award for Academic Excellence in Surface Warfare and the MORS Tisdale Award.
- Wagner, C. Captain, U.S. Army. *Oculometric Screening for Traumatic Brain Injury in Veterans*. Thesis Advisor. MS in Human Factors, Naval Postgraduate School, 2017.
- Mariscal, M. Lieutenant, U.S. Navy. *An Exploration of Cognitive Agility as Quantified by Attention Allocation in a Complex Environment*. Thesis Advisor. MS in Operations Research, Naval Postgraduate School, 2017.

- Carlson, T. Major, U.S. Marine Corps. *Can Subjects be Guided to Optimal Decisions? The Use of a Real Time Training Intervention Model*. Thesis advisor. MS in Modeling, Virtual Environments and Simulation, Naval Postgraduate School, 2016. Outstanding Thesis.
- Howland, J. Captain, U.S. Air Force. *Deployment Related Risk of Incident Mental Health Conditions among Aeromedical Evacuation Crew Members*. Second reader. MS in Human Factors, Naval Postgraduate School, 2015.
- Black, S. Captain, U.S. Marine Corps. *The Missions, the Tactics, the Implementation: A Simulation for Aerial Swarms*. Thesis co-advisor. MS in Modeling, Virtual Environments and Simulation, Naval Postgraduate School, 2015. Recipient of the 2015 SPAWAR SSC Pacific Research Fellowship, the George L. Phillips Award, and MOVES Outstanding Thesis.
- Critz, J. Captain, U.S. Marine Corps. *Modeling Optimal Decision Making in order to Aid Instructor Training*. Thesis Advisor. MS in Modeling, Virtual Environments and Simulation, Naval Postgraduate School, 2015.
- Wagner, D. Major, U.S. Army. *Training Effectiveness Study of Simulator Usage and its Impact on Live Fire Armor Gunnery*. Thesis advisor. MS in Modeling, Virtual Environments and Simulation, Naval Postgraduate School, 2014.
- Patton, S. Major, U.S. Army. *A Comparison of Tactical Leader Decision Making with Automated or Live Counterparts in a Virtual Environment (Virtual Battlefield Simulation 2)*. Thesis advisor. MS in Modeling, Virtual Environments and Simulation, Naval Postgraduate School, 2014.
- Getty, T. LT Navy. *A Comparison of Current Naval Marksmanship Training vs. Simulation-based Marksmanship Training with the Use of Indoor Simulated Marksmanship Trainer (ISMT)*. Thesis advisor. MS in Modeling, Virtual Environments and Simulation, Naval Postgraduate School, 2014.
- Richardson, J.J. Captain, U.S. Marine Corps. *Developing Behavioral Metrics for Decision Making in Marine Corps Small-Units*. Second reader. MS in Modeling, Virtual Environments and Simulation, Naval Postgraduate School, 2013.
- Dimitriou, G. Lieutenant, Hellenic Navy. *Adding Unmanned Aerial Vehicles to Current Surveillance Systems in Complex Maritime Environments*. Thesis advisor. MS in Modeling, Virtual Environments and Simulation, Naval Postgraduate School, 2013.
- Bell, B. Captain, U.S. Army. *A Human Systems Integration Analysis of the Army Suicide Prevention Program*. Second reader. MS in Human Factors, Naval Postgraduate School, 2013.
- McMullen, E. Lieutenant Commander, U. S. Navy & Grass, B. Major, U.S. Army. *Effects of UAV Supervisory Control on F-18 Formation Flight Performance in a Simulated Environment*. Thesis co-advisor. MS in Modeling, Virtual Environments and Simulation, Naval Postgraduate School, 2013.
- Coté, D. Captain, U.S. Marine Corps. *A Predictive Model to Assess the Effectiveness and Improve the Efficiency of the Veterans Village of San Diego Veteran Rehabilitation Center (VRC) Intervention Program in order to Mitigate the Problem of Veteran Homelessness in Southern California*. Second reader. MS in Operations Research, Naval Postgraduate School, 2012. Finalist for the MORS/Tisdale Graduate Research Award.
- Bissonette, P. Lieutenant, U.S. Navy. *A Retrospective Quantitative Analysis of Factors Affecting Retention of Female Aviators in U.S. Naval Aviation*. Second Reader. MS in Human Factors, Naval Postgraduate School, 2012.

- Kirby, C., Lieutenant Commander, U.S. Navy. *Scan Techniques: Breakdowns that Lead to Controlled Flight into Terrain (CFIT) and Mid-air Collisions while Conducting Low Level VFR Operations*. Thesis advisor. MS in Operations Research, Naval Postgraduate School, 2012. Finalist for the MORS/Tisdale Graduate Research Award. Outstanding Thesis.
 - Kirby, C. (2013). *Improving the human-machine interface for helo pilots*. *Naval Aviation News*, Winter Issue, p 26–29.
 - Kirby, C. (2013). *Improving the human-machine interface for helo pilots*. *Rotor Review*, 120, p 27–32.
- Neboshynsky, C., Lieutenant, U.S. Navy. *Expertise on Cognitive Workloads and Performance During Navigation and Target Detection*. Thesis advisor. MS in Modeling, Virtual Environments and Simulation, Naval Postgraduate School, 2012.
- Cowden, B., Lieutenant, U.S. Navy. *Modeling of Helicopter Pilot Misperception during Overland Navigation*. Thesis co-advisor. MS in Operations Research, Naval Postgraduate School, 2012. Finalist for the MORS/Tisdale Graduate Research Award.
- Jensen, T., Lieutenant, U.S. Navy & Woodson, J., Lieutenant, U.S. Navy. *A Naval Marksmanship Training Transfer Study: from Simulation Based Marksmanship Training (ISMT) to Live Fire*. Thesis advisor. MS in Modeling, Virtual Environments and Simulation, Naval Postgraduate School, 2012.
- Caldwell, J. Major, U.S. Army & Stinchfield, M. Major, U.S. Army. *The Effects of Training Frequency and Threat Saliency on Change Detection*. Second reader. MS in Modeling, Virtual Environments and Simulation, Naval Postgraduate School, 2011. Outstanding Thesis.
- Phillips, A., Lieutenant, U.S. Navy. *Helicopter Vibration and the Scope of Back Pain in Navy Helicopter Pilots*. Second Reader. MS in Human Factors, Naval Postgraduate School, 2011.
- Bakken, A., Lieutenant, U.S. Navy. *Active Duty Female Military's Experience of Pain, Discomfort and/or Anxiety during Pelvic Examinations*. Thesis advisor. MS in Operations Research, Naval Postgraduate School, 2011.
- Glaser, W., Lieutenant Colonel, Army. *Impact of User Interfaces and Visual Peripherals on Virtual Battlespace 2 Training*. Thesis co-advisor. MS in Modeling, Virtual Environments and Simulation, Naval Postgraduate School, 2010. Outstanding Thesis. Winner of the 2010 Army Modeling and Simulation Award.
- Hernandez, H., Lieutenant, U.S. Navy. *Simulation of a Potential Sea-base Enabler: The Transformable Craft (T-craft)*. Thesis co-advisor. MS in Modeling, Virtual Environments and Simulation, Naval Postgraduate School, 2010.
- Kemmerer, K., Lieutenant Junior, U.S. Navy. *Tactical Decision making under Categorical Uncertainty with Applications to Modeling and Simulation*. Thesis second reader. MS in Human Factors, Naval Postgraduate School, 2008.

Teaching Interests: Research Methods, Introduction to Statistics, Performance Assessment.

Research Interests: Individual difference factors that influence human performance and decision making, such as expertise, age, cognitive ability, psychophysiology, and genetics.

Publications:

- Kennedy, Q., & McDowell, P. (2019). *Review of survey design and sampling processes with recommendations for the NETC course satisfaction surveys*. (Technical Report) Monterey, CA: Naval Postgraduate School.
- Kennedy, Q., Carlson, T. & Sciarini, L. Preliminary validation of an adaptive tactical training model: Cognitive alignment with performance targeted training intervention model (CAPTTIM). (2018). In H. Ayaz and F. Dehais (Eds) *Neuroergonomics: The Brain at Work and in Everyday Life* (pp 127–131). Elsevier: San Diego, CA.
- Moten, C., Kennedy, Q., Alt, J., & Nesbitt, P. (2017). Analysis of Performance on a Modified Wisconsin Card Sorting Test for the Military. *Journal of Defense Analytics and Logistics* 1(1), 34–36.
- Kennedy, Q., Taylor, J., Noda, A., Yesavage, J. & Lazzeroni, L. (2015). The STEP Model: Characterizing Simultaneous Time Effects on Practice for Flight Simulator Performance Among Middle-Aged and Older Pilots. *Psychology and Aging*, 30(3), 699–711.
- Nesbitt, P., Kennedy, Q., Alt, J., & Fricker, R. (2015). Iowa Gambling task modified for military domain. *Military Psychology*, 27(4), 252–260.
- Kennedy, Q., Nesbitt, P., Alt, J., & Fricker, R. D. (2015). *Cognitive alignment with performance targeted training intervention model: CAPTTIM*. (Technical Report) Monterey, CA: Naval Postgraduate School.
- Kirby, C., Kennedy, Q., & Yang, J. (2014). Helicopter Pilot Scan Techniques During Low-Altitude, High-Speed Flight. *Aviation, Space and Environmental Medicine*, 85(7), 740–744.
- Nesbitt, P, Kennedy, Q. Alt, J. Fricker, R., Whitaker, L., Yang, J., Appleget, J., Huston, J., & Patton, S. (2014). *Understanding optimal decision-making in wargaming*. (Technical Report) Monterey, CA: Naval Postgraduate School.
- Yang, J., Cowden, B.T., Kennedy, Q., Schramm, H., & Sullivan, J. (2013). Pilot perception and confidence of location during a simulated helicopter navigation task. *Aviation Space and Environmental Medicine*, 84(9), 952–960.
- Kennedy, Q., Chung, T., & Sciarini, L. (2013). NPS labs leverage human factors experience with UAV advances. *Human Factors and Ergonomics Society AugCog Technical Group Newsletter*, 6(1), 14–15.
- Kennedy, Q., Taylor, J., Heraldez, D., Noda, A., Lazzeroni, L., & Yesavage, J. (2013). Intraindividual variability in basic reaction time predicts middle-aged and older pilots' flight simulator performance. *Journals of Gerontology Series B: Psychological Sciences*, 68(4), 487–494.
- Yang, J., Kennedy, Q., Sullivan, J., & Fricker, R. (2013). Pilot Performance: Assessing How Scan Patterns & Navigational Assessments Vary by Flight Expertise. *Aviation, Space, and Environmental Medicine*, 84(2), 116–124.

- O'Connor, P., Buttrey, S., O'Dea, A., & Kennedy, Q. (2011). Identifying and addressing the limitations of safety climate surveys. *Journal of Safety Research*, 42, 259–265.
- Kennedy, Q., Taylor, J. L., Noda, A., Adamson, M., Murphy, G. M., Zeitzer, J., & Yesavage, J. A. (2011). The roles of *COMT val158met* status and aviation expertise in flight simulator performance and cognitive ability. *Behavior Genetics*, 41(5), 700–708.
- Buttrey, S., O'Connor, P., O'Dea, A., & Kennedy, Q. (2011). *An assessment of the predictive validity of the Command Safety Assessment Survey (CSAS)*. (Technical Report) Monterey, CA: Naval Postgraduate School.
- O'Connor, P., Buttrey, S., O'Dea, A., & Kennedy, Q. (2011). *An assessment of the relationship between safety climate and mishap risk in U.S. Naval Aviation*. (Technical Report) Monterey, CA: Naval Postgraduate School.
- Sullivan, J., Yang, J.H., Day, M., & Kennedy, Q. (2011). Training Simulation for Helicopter Navigation by Characterizing Visual Scan Pattern. *Aviation, Space, and Environmental Medicine*, 82, 871–878.
- Yesavage, J.A., Jo, B., Adamson, M. M., Kennedy, Q., Noda, A., Hernandez, B., Zeitzer, J. M., Friedman, L., Murphy G. M. Jr, Taylor, J. L. (2011). Cognitive processing speed predicts longitudinal aviator performance. *The Journals of Gerontology: Series B Psychological Sciences*, 66(4), 44–53.
- Taylor, J. L. Kennedy, Q., Adamson, M., Lazzeroni, L., Noda, A., Murphy, G. M., Yesavage, J. A. (2011). Influences of ApoE E-4 and expertise on performance of older pilots. *Psychology and Aging*, 26(2), 480–487.
- David, R., Friedman, L., Mulin, E., Noda, A., LeDuff, F., Kennedy, Q., Garcia, R. Robert, P. H., Yesavage, J. A. (2011). Lack of association between COMT polymorphisms and apathy in Alzheimer's disease. *Journal of Alzheimers Disease*, 27(1) 155–161.
- O'Connor, P., O'Dea, A., Kennedy, Q., & Buttrey, S. (2011). Measuring safety climate in aviation: A review and recommendations for the future. *Safety Science*, 49, 128–138.
- Buttrey, S., O'Connor, P., O'Dea, A., Kennedy, Q. (2010). *An evaluation of the construct validity of the Command Safety Assessment Survey*. (Technical Report) Monterey, CA: Naval Postgraduate School.
- Adamson, M., Samarina, V., Xu, X., Huynh, V., Kennedy, Q., Weiner, M., Yesavage, J., & Taylor, J. (2010). The impact of brain size on pilot performance varies with aviation training and years of education. *Journal of the International Neuropsychological Society*, 16(3), 412–415.
- O'Dea, A., O'Connor, P., Kennedy, Q., & Buttrey, S.E. (2010). A review of the safety climate as it relates to Naval Aviation. Monterey, CA: Naval Postgraduate School.

- Kennedy, Q., Taylor, J. L., Reade, G., & Yesavage, J. (2010). Age and expertise effects in aviation decision making and flight control in a flight simulator. *Aviation, Space, and Environmental Medicine*, 81, 489–497.
- Kennedy, Q. (2007). Aging, motivation, and autobiographical memory. In P. R. Zelick (Ed), *Issues in Psychology of Motivation*. (pp. 53–64). Hauppauge, NY: Nova Science Publishers.
- Kennedy, Q., & Mather, M. (2007). Aging, affect, and decision making. In K. D. Vohs & R. F. Baumeister (Eds), *Do Emotions Help or Hurt Decision Making? A hedgexoxian perspective*. (pp. 245–266) New York: Sage.
- Taylor, J. L., Kennedy, Q., Noda, A., & Yesavage, J. A. (2007). Pilot age and expertise predict flight simulator performance: A three-year longitudinal study. *Neurology*, 68(9), 648–654.
- De Medeiros, K., Kennedy, Q., Cole, T., Lindley, R., & O’Hara, R. (2007). The impact of autobiographical writing on memory performance in older adults: A preliminary investigation. *American Journal of Geriatric Psychiatry*, 15(3), 257–261.
- Kennedy, Q., Mather, M., & Carstensen, L. L. (2004). The role of motivation in the age-related positive bias in autobiographical memory. *Psychological Science*, 15(3), 208–214.
- O’Hara, R., Higgins A., D’Andrea, J., Kennedy, Q., & Gallagher-Thompson, D. (2003). Research with older adults. In J. Thomas & M. Hersen (Eds), *In Understanding Research in Clinical and Counseling Psychology: A Textbook*. (pp. 441–467). New York: Lawrence Erlbaum Associates, Inc.
- Carstensen, L. L., Charles, S., Isaacowitz, D., & Kennedy, Q. (2003). Life-span personality development and emotion. In R. J. Davidson, K. Scherer, & H. H. Goldsmith (Eds) *Handbook of Affective Sciences* (pp. 726–744). Oxford: Oxford University Press.
- Kennedy, Q., & O’Hara, R. (2003). Fellowship Emphasizes Veteran Care and VA Career Development at the 2003 National MIRECC Conference. *Mental Illness Research, Education, and Clinical Centers (MIRECC) Newsletter*, 4(2), p. 3.
- Kennedy, Q., & O’Hara, R. (2003). The role of technology in the VA special fellowship program in advanced psychiatry and psychology. *Mental Illness Research, Education, and Clinical Centers (MIRECC) Newsletter*, 3(3), p. 4.
- Kennedy, Q., & O’Hara, R. (2002). The VA special fellowship in advanced psychiatry and psychology. *Mental Illness Research, Education, and Clinical Centers (MIRECC) Newsletter*, 3(2), p. 1.
- Zelenko, M. A., Huffman, L. C., Brown, B. W., Daniels, K., Lock, J., Kennedy, Q., & Steiner, H. (2001). The child abuse potential inventory and pregnancy outcome in expectant adolescent mothers. *International Journal of Child Abuse and Neglect*, 25(11), 1481–1495.

Kennedy, Q., Fung, H. H., & Carstensen, L. L. (2001). Aging, time estimation, and emotion. In S. H. McFadden & R. C. Atchley (Eds), *Aging and the Meaning of Time: A multidisciplinary exploration* (pp. 51–74). New York: Springer Publishing Company, Inc.

Zelenko, M. A., Huffman, L. C., Lock, J., Kennedy, Q., & Steiner, H. (2001). Poor adolescent expectant mothers: Can we assess their potential for child abuse? *Journal of Adolescent Health, 29*(4), 271–278.

Miller, T. P., Taylor, J., Rogerson, S. Mauricio, M., Kennedy, Q., Schatzberg, A., Tinklenberg, J., & Yesavage, J. (1998). Cognitive and noncognitive symptoms in dementia patients: Relationship to cortisol and Dehydroepiandrosterone (DHEA). *International Psychogeriatrics, 10*(1), 85–96.

Conference Papers:

Loeffelman, G., Kennedy, Q., & Hodges, G. (2019). *Developing a scaled performance evaluation measurement system to measure performance*. Paper presented at the Interservice/Industry Training, Simulation and Education Conference, Orlando, FL.

Kennedy, Q., Nesbitt, P., Alt, J., & Fricker, R. (2015). *Cognitive Alignment with Performance Targeted Training Intervention Model*. Paper presented at the Human Factors and Ergonomics Society 2015 International Annual Meeting, Los Angeles, CA.

Kennedy, Q., Nesbitt, P. & Alt, J. (2014). *Assessment of cognitive components of decision making with military versions of the IGT and WCST*. Paper presented at the Human Factors and Ergonomics Society 2014 International Annual Meeting, Chicago Illinois.

Kirby, C., Kennedy, Q., & Yang, J. (2013). *An analysis of helicopter pilot scan techniques while flying at low altitudes and high speed*. Paper presented at the American Institute of Aeronautics and Astronautics Guidance, Navigation, and Control Conference. Boston, MA.

McMullen, E., Grass, B., Yang, J., Kennedy, Q., & Sullivan, J. (2013.) *Effects of UAV supervisory control on F-18 formation flight performance in a simulator environment*. Paper presented at the American Institute of Aeronautics and Astronautics Guidance, Navigation, and Control Conference. Boston, MA.

Yang, J., Kennedy, Q., Sullivan, J., & Fricker, R. (2012). *Scan patterns on overland navigation in varying route difficulty: is total flight hours (TFH) a good measure of expertise?* Paper presented at the Human Factors and Ergonomics Society's 56th Annual Meeting, Boston, MA.

Cowden, B., Yang, J., Kennedy, Q., & Sullivan, J. (2012). *Modeling of Helicopter Pilot Misperception during Overland Navigation*. Paper presented at the American Institute of Aeronautics and Astronautics Modeling and Simulation Technologies Conference, Minneapolis, MN.

Yang, J., Cowden, B., Kennedy, Q., Schramm, H., & Sullivan, J. (2012). *Understanding cognitive processes of helicopter navigation by characterizing visual scan patterns*. Paper presented at The 4th International Symposium on Brain and Cognitive Engineering, Korea University, Seoul, Republic of Korea.

O'Connor, P., Buttrey, S., O'Dea, A., & Kennedy, Q. (2011). *Identifying and addressing the limitations of safety climate surveys: Lessons for organisational researchers*. Paper presented at the Irish Academy of Management conference, Dublin, Ireland.

O'Connor, P., Buttrey, S., O'Dea, A., & Kennedy, Q. (2011). *An Assessment of Safety Climate in U.S Naval Aviation*. Paper presented at the Human Factors and Ergonomics Society's 55th Annual Meeting, Las Vegas, Nevada.

Yang, J.H., Kennedy, Q., Sullivan, J., & Day, M. (2011). *Bayesian modeling of pilot belief and visual misperception in helicopter overland navigation*. Paper presented at the Institute of Electrical and Electronics Engineers Systems, Man, and Cybermetrics Society Meeting, Anchorage, Alaska.

Conference Presentations:

Kennedy, Gruenke, Angelopoulos, Yoshida, & Khan (2020). *Does augmented reality aid maintainers' performance in operating the RTCASS?* Accepted for the SPIE Virtual, Augmented, and Mixed Reality (XR) Technology for Multi-Domain Operations conference, Anaheim, CA.

Liston, D., Chen, R., Kennedy, Q., Okafor, P., Li, L., & Adamson, M. (2018). *Visual Tracking: An Indicator of Health and Performance*. Presented at the 2018 Society for American Baseball Research Analytic Conference, Phoenix, AZ.

Kennedy, Q. (2017). *Using trainee's cognitive state to understand why suboptimal decision performance occurs*. Presented at the 8th Applied Human Factors and Ergonomics International Conference, Los Angeles, CA.

Kennedy, Q., McDowell, P., Aleem, S., & Yoshida, R. (2017). *Using eyetracking to improve COVE-ITS feedback to shiphandling students*. Presented at the 8th Applied Human Factors and Ergonomics International Conference, Los Angeles, CA.

Kennedy, Q., Carlson, T., & Sciarini, L. (2016). *Preliminary validation of an adaptive tactical training model: Cognitive alignment with performance targeted training intervention model (CAPTTIM)*. Presented at the 1st International Neuroergonomics Conference, Paris, France.

Haupt, A., Buttrey, S., & Kennedy, Q. (2016). *Measuring cognitive agility in a complex environment*. Presented at the 84th Military Operations Research Society Symposium, Quantico, VA.

Kennedy, Q., Nesbitt, P., Alt, J., & Fricker, R. (2015). *Cognitive Alignment with Performance Targeted Training Intervention Model: CAPTTIM*. Presented at the Department of Defense Human Factors Engineering Technical Advisory Group meeting, Orlando, FL.

- Moten, C., Kennedy, Q., Alt, J. & Nesbitt, P. (2015). *Wisconsin Card Sorting Task modified for the military domain*. Presented at the 83rd Military Operations Research Society Symposium, Alexandria, VA.
- Moten, C., Kennedy, Q., Alt, J. & Nesbitt, P. (2015). *Military Modification of the Iowa Gambling Task and Wisconsin Card Sorting Task*. Presented at the Institute for Operations Research and Management Sciences Conference, Philadelphia, PA.
- Kennedy, Q., Taylor, J., Hernandez, B., Regis, N., Castile, K., Volz, J. & Yesavage, J. (2014). *Understanding why some aviators make risky decisions: The role of visual scan patterns*. Presented at the 28th International Congress of Applied Psychology, Paris, France.
- Kennedy, Q., Taylor, J., Heraldez, D., Noda, A., & Yesavage, J. (2012). *Intraindividual variability in basic reaction time predicts middle-aged and older pilots' flight simulator performance*. Presented at the Cognitive Aging Conference, Atlanta, GA.
- Kennedy, Q., Taylor, J., Yesavage, J., Noda, A., Adamson, M., Murphy, G., & Zeitzer, J. (2011). *Individual difference factors in challenging flight tasks*. Presented at the Gerontological Society of America Annual Conference, Boston, MA.
- Yang, J. H., Kennedy, Q., Sullivan, J., & Day, M. (2011). *Understanding cognitive processes of helicopter navigation by characterizing visual scan patterns*. Presented at the 1st Conference on Pioneering Convergence Technologies, Jeju Island, Korea.
- Taylor, J. Kennedy, Q., Adamson, M., Murphy, G., & Yesavage, J. (2008). *Expert knowledge, APOE epsilon4, and risk for decline in aviation performance*. Presented at the International Neuropsychological Society Annual Conference, Waikoloa, Hawaii.
- Taylor, J. L., Kennedy, Q., Noda, A., & Yesavage, J. A. (2006). *Age, expertise and longitudinal aviator performance: Changes in domain-relevant performance versus change in general speed of processing*. Presented at the Cognitive Aging Conference, Atlanta, GA.
- Kennedy, Q., & O'Hara, R. (2005). *Aging, memory ability, and the positivity effect*. Presented at the Gerontological Society of America Annual Conference, Orlando, FL.
- Kennedy, Q. (2003). *Stability and change in physical and mental health: Findings from a 14 year longitudinal study*. Presented at the Gerontological Society of America Annual Conference, San Diego, CA.
- Kennedy, Q. (2003). *Training Issues in Gerontology: Part 1*. Invited panel presentation at the Association for Behavior Analysis Annual Convention, San Francisco, CA.
- Kennedy, Q., & Tsukuda, R. (2003). *Virtual conferencing: Expanding the Audience*. Invited presentation at the National MIRECC Meeting, Portland, OR.
- Kennedy, Q., & Carstensen, L. (2002). *Aging, motivation, and autobiographical memory*. Presented at the Gerontological Society of America Annual Conference, Boston, MA.

Kennedy, Q., & Carstensen, L. (2001). *Aging, reconstruction, and autobiographical memory*. Presented at the American Psychological Association Convention, San Francisco, CA.

Kennedy, Q., & Charles, S. (2000). *Time perspective and its influence on well-being and social interaction*. Presented at the American Society on Aging Annual Meeting, San Diego, CA.

Other Presentations:

Kennedy, Q. (2019). *Updates on the Healthcare Modeling and Simulation Program*. Presented at the MOVES Academic Working Group Meeting, Monterey, CA.

Kennedy, Q. (2018). *An adaptive training model for rapid response decisions*. Presented at the MOVES Academic Working Group Meeting, Monterey, CA.

Kennedy, Q. (2018). *The Healthcare Modeling and Simulation Certificate Program*. Presented at the MOVES Academic Working Group Meeting, Monterey, CA.

Kennedy, Q. (2017). *Development of an adaptive training model*. Presented at the MOVES Academic Working Group Meeting, Monterey, CA.

Kennedy, Q. (2015). *Understanding optimal and non-optimal decision making*. Presented to the TRAC Human Dimensions Working Group.

Yang, J. & Kennedy, Q. (2012). *The eyes: Windows into the successful and unsuccessful strategies used during helicopter navigation and target detection*. Presented at the MOVES Research & Education Systems Seminar, Monterey, CA.

Kennedy, Q., Sullivan, J., & Walsh, W. (2012). *Update on the Healthcare Modeling and Simulation Certificate Program*. Presented at the MOVES Research & Education Systems Seminar, Monterey, CA.

Kennedy, Q., Yang, J. H, & Day, M. (2011). *Utilization of Psychophysiological Measurements to Improve Training Simulation in Aviation Tasks*. Presented at the MOVES 11th Annual Research and Education Summit, Monterey, CA.

Kennedy, Q. (2011) *Medical M&S Education*. Presented at the MOVES 11th Annual Research and Education Summit, Monterey, CA.

Kennedy, Q., & Carstensen, L. (2001). *Aging and memory biases in recalling recent emotional experiences*. Presented at the Berkeley-Stanford Talks, Berkeley, CA.

Kennedy, Q., & Loeckenhoff, C. (2000). *Psychological changes across the adult lifespan*. Guest lecture for Issues in Aging, Stanford University, Stanford, CA.

Kennedy, Q. (2000). *Time perspective and its influence on well-being and social interaction*. Guest lecture for Introduction to Psychology, Stanford University, Stanford, CA.

Kennedy, Q., Carstensen, L. L., Drew, F., & Pasupathi, M. (2000). *Aging and accuracy of memory for emotional experience*. Presented at the Stanford-Berkeley Talks, Stanford, CA.

Kennedy, Q., Carstensen, L. L., & Pasupathi, M. (1999). *Aging and emotional response to negative situations*. Presented at the Stanford—Berkeley Talks, Berkeley, CA.

Conference Posters:

Kennedy, Q., Hanley, B., Fricker, F., Niehaus, J., & Fitzpatrick, C. (2020). *Application of an adaptive training model for rapid response decisions reveals distinct decision learning profiles*. Accepted for the 2020 American Psychological Association Convention, Washington, DC.

Kennedy, Q., Taylor, J., Hernandez, B., & Yesavage, J. (2020). *Do impulsivity and risk perception affect pilots' landing decisions?* Accepted for the 2020 American Psychological Association Convention, Washington, DC.

Kennedy, Q., Hanley, B., Niehaus, J., & Fitzpatrick, C. (2019). *Accelerating training of platoon formation decisions through a computer-based task*. Poster presented at the 2019 American Psychological Association Convention, Chicago, IL.

Kennedy, Q., Taylor, J., Hernandez, B., Noda, A., and Yesavage, J. (2019). *Visual scan patterns among older and younger general aviators during a simulated instrument landing*. Poster presented at the 2019 American Psychological Association Convention, Chicago, IL.

Wagner, C., Liston, D., Kennedy, Q., Sciarini, L., & Adamson, M. (2017). *Oculometric screening for traumatic brain injury in veterans*. Poster presented at the Military Health System Research Symposium, Kissimmee, FL.

Kennedy, Q., Taylor, J., Noda, A., Yesavage, J., & Lazzeroni, L.C. (2015). *The STEP model: Characterizing simultaneous time effects on practice for flight simulator performance among middle-aged and older pilots*. Poster presented at the International Neuropsychological Society 43rd Annual Conference, February, Denver, Colorado.

Kennedy, Q., Adamson, M., Huston, J., & Nesbitt, P. (2015). *Can a simple wargame provide an unobtrusive indicator of TBI? A case study*. Poster presented at the International Neuropsychological Society 43rd Annual Conference, February, Denver, Colorado.

Taylor, J., Kennedy, Q., Schuchard, R., & Yesavage, J. (2014). *Impaired contrast sensitivity hinders pilots' landing decisions*. Poster presented at the Cognitive Aging Conference 2014, April, Atlanta, Georgia.

Kennedy, Q., Taylor, J. L., Heraldez, D., Noda, A., & Yesavage, J. A. (2012). *Intraindividual variability in basic reaction time predicts middle-aged and older pilots' flight simulator performance*. Poster presented at the Cognitive Aging Conference, Atlanta, Georgia.

Sullivan, J., Yang, J. H., Day, M., & Kennedy, Q. (2010). *Understanding cognitive processes of helicopter navigation by characterizing visual scan patterns*. Poster presented at the Decade of the Mind VI, Singapore.

Kennedy, Q., Taylor, J. L., Noda, A., Murphy, G. & Yesavage, J. A. (2010). *The roles of COMT status and aviation expertise in flight simulator performance*. Poster presented at the The Cognitive Aging Conference, Atlanta, Georgia.

Taylor, J. L., Adamson, M. M., Samarina, V., Kennedy, Q., Yesavage, J. A., & Weiner, M. W. (2009). *Larger hippocampi help expert pilots maintain performance in a flight simulator*. Poster presented at the International Neuropsychological Society Annual Conference, Atlanta, Georgia.

Kennedy, Q., Taylor, J., Reade, G., & Yesavage, J. (2008). *The roles of age and aviation expertise in approach performance under adverse weather conditions*. Poster presented at the Gerontological Society of America Annual Conference, National Harbor, Maryland.

Adamson, M., Kennedy, Q., Duong, X., Xu, X., Noda, A., Samarina, V., Murphy, G., Weiner, M., & Taylor, J (2008). *Predicting flight simulator performance with baseline brain volumes, expertise and age in older pilots at risk for Alzheimer's Disease*. Poster presented at the Cognitive Aging Conference, Atlanta, Georgia.

Adamson, M., Hutchinson, B., Rappako, S., Samarina, V., Kennedy, Q., Rosen, A., Wagner, A. & Taylor, J. (2008). *Neurocorrelates of Perspective-Dependent Spatial Memory in Middle-aged and Older Pilots*. Poster presented at the International Neuropsychological Society Annual Conference, Waikoloa, Hawaii.

Kennedy, Q., Taylor, J., & Yesavage, J. (2007). *The role of age and expertise in aviator risk perception*. Poster presented at the Gerontological Society of America Annual Conference, San Francisco, CA.

Kennedy, Q., & Taylor, J. (2005). *The Effects of Aging and Expertise on Change in Flight Simulator Performance Over Time: Preliminary Results*. Poster presented at the Gerontological Society of America Annual Conference, Orlando, FL.

Kennedy, Q., Carstensen, L. L., Drew, F., & Pasupathi, M. (2000). *Aging and accuracy of memory for emotional experiences*. Poster presented at the Gerontological Society of America Annual Conference, Washington, DC.

Kennedy, Q., Carstensen, L. L., & Pasupathi, M. (1999). *Aging and emotional response to negative situations*. Poster presented at the Gerontological Society of America Annual Conference, San Francisco, CA.

Kennedy, Q., Carstensen, L. L., & Fung, H. (1999). *Aging, emotional salience and the construction of social memories*. Poster presented at the American Psychological Association Convention, Boston, MA.

Publications Receiving Media Coverage:

Kennedy, Q., Taylor, J. L., Noda, A., Adamson, M., Murphy, G. M., Zeitzer, J., & Yesavage, J. A. (2011). The roles of *COMT val158met* status and aviation expertise in flight simulator performance and cognitive ability. *Behavior Genetics*, 41(5), 700–708.

- Branson, P. & Merryman, A. (2013). *Top Dog: The Science of Winning and Losing*. Twelve Books, NY, NY.

- Branson, P. & Merryman, A. Why can some kids handle pressure while others fall apart? *The New York Times*, February 10, 2013.
- Clayson, J. (Interviewer). (March 7, 2013). *On Point: The Science of Winning and Losing*. National Public Radio.

Taylor, J. L., Kennedy, Q., Noda, A., & Yesavage, J. A. (2007). Expertise sustains flight simulator performance of older adults: A three-year study. *Neurology*, 68(9), 658–654.

- Philips, M. The mind at midlife. *APA Monitor*, April 2011.
- PBS, May 8, 2007 6pm.
- Channel 2 News, February 27, 2007 5pm and 10pm.
- AVwebFlash staff. Older pilots perform better, study finds. *AVwebFlash* 13,9b, p1-2.
- Cassels, C. Older age not a factor in pilots' ability to fly. *Medscape Medical News*, February 26, 2007.
- Hall, C. T. Experience tops youth in study on aging pilots. *San Francisco Chronicle*, February 27, 2007.
- Perkel, J. Pilot study questions wisdom of mandatory retirement: Crewmen over 60 performed better, not worse, with time, study found. *HealthDay*, February 28, 2007.
- Science Daily staff. Does age affect a pilot's ability to fly? *Science Daily*, February 27, 2007.
- Veillete, P.R. Pilot experience vs Youth...Reality. *Aviation Week*, February 25, 2008.

Kennedy, Q., Mather, M., & Carstensen, L. L. (2004). The role of motivation in the age-related positive bias in autobiographical memory. *Psychological Science*, 15(3), 208–214.

- Adelson, R. (2005). Older is happier: Older adults accentuate the positive. *PsychologyMatters.Org*.
- Benson, E. (2003). Older and untroubled: New research suggests that older people have fewer negative memories than younger people do. *APA Monitor*, 34(6), pp. 24–25.
- Helmuth, L. (2003). The wisdom of the wizened. *Science*, 299(5611), p 1300–1302.

Professional and Service Activities:

- Member of Naval Postgraduate School IRB: 2012–current.
- Richard W. Hamming Award for Teaching committee member, 2019.
- Assistant Chair of the Veterans Special Interest Group for the American Psychological Association, 2019–current.
- Selected by NPS Dean of Research to be a member of the MOVES Director Search Committee, 2014.
- Selected by NPS Chief of Staff to be team leader of the NPS Gender Barriers to Career Success focus group, 2014.
- Manuscript and Presentation Reviewer for: *Addiction Behavior*; *Advances in Mechanical Engineering*; *Aeronautics and Aerospace Open Access*

Journal; Aging, Neuropsychology, and Cognition; Applied Aviation Studies; Applied Cognitive Psychology; Applied Neuropsychology: Adult; Aviation, Space, and Environmental Medicine; Frontiers in Aging Neuroscience; Geriatric Research; Human Factors; International Archives of Occupational and Environmental Health; International Journal of Geriatric Psychiatry; Journal of Alzheimer's disease; Journal of Experimental Psychology: Applied; Journal of Gerontology; Journal of Nervous and Mental Disease; PLOS ONE; Psychology of Aging; Quarterly Journal of Experimental Psychology; Human Factors Annual Conferences, 2013–2014; Gerontological Society of America Annual Conferences, 2003–2008; American Psychological Association Annual Convention, 2003–2008; 2018–current.

- Organized a symposium, Understanding age-related changes in aviation performance: The roles of expertise, cognition, brain mechanisms, and genetics. At the Gerontological Society of America Annual Conference, 2011, Boston, MA.
- Co-organized career development seminars for the 2003 national and 2004 regional VA MIRECC conferences.
- Member: President's New Freedom Commission on Mental Health, Subcommittee on Older Adults, 2003.

Professional Memberships:

- American Association for the Advancement of Science, 2007–current.
- Society for Military Psychology, 2005–current.
- American Psychological Society, 2004–current.
- American Psychological Association, 2002–current.
- Adult Development and Aging Division of the American Psychological Association, 2002–current.
- Alzheimer Research Forum, 2005–2010.