

## LEEDJIA SVEC

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### EDUCATION

<u>Institution</u>	<u>Degree</u>	<u>Received</u>	<u>Area of Study</u>
Saint Mary's University, San Antonio	M.A.	In Progress	International Relations
University of Nevada, Reno	Ph.D.	2005	Experimental Psychology
University of the Pacific	B.A.	2001	Psychology/Technology
University of Melbourne, Australia	N/A	2000	Study Abroad

### PROFESSIONAL EXPERIENCE

2011-Present	Defense Equal Opportunity Institute (DEOMI) Senior Scientist and Director of Basic and Applied Research
2011-2011	Air Force Technical Review Board Chair
2010-2011	Volunteer Project Manager of Curriculum Development for the Office of Naval Research (ONR) Science Technology Engineering and Math (STEM) Initiatives with Girls, Inc. San Antonio TX
2010-2011	Exxon Mobil State Science Fair Judge, San Antonio TX
2010-2010	Team Lead: NAVAIR Laser Eye Protection Source Selection Team, Patuxent River, MD
2009-2011	Volunteer Student Intern Manager and Mentor, Naval Medical Research Unit San Antonio (NAMRUSA), San Antonio, TX
2009-2011	Department Head: NAMRUSA, San Antonio, TX
2009-2011	Research Psychologist: NAMRUSA, San Antonio, TX
2009-2011	Institutional Review Board Vice Chair: NAMRUSA, San Antonio, TX
2008-2009	Reviewer, Journal of Applied Optics, San Antonio TX
2008-2009	Psychologist: Naval Health Research Lab: U.S. Navy, San Antonio, TX
2007-2008	Project Lead: Student Retention Improvement Program, Center for Information Dominance (CID), Pensacola, FL
2007-2008	Selected Team Member: Human Performance Center (HPC) Command Climate Improvement Team, Pensacola, FL
2006-2008	Psychologist: HPC, CID Pensacola, FL
2004-2005	Psychology Engineer: Naval Air Systems Command, Patuxent River, MD
2003-2003	Ophthalmic Assistant: Reno Family Eye Care, Reno NV
2001-2003	Research Assistant: University of Nevada, Reno Color Vision Science Lab, Reno NV
2001-2002	Resident Assistant: University of Nevada, Reno, Reno NV
2001-2001	Engineering Intern: Lockheed Martin Missiles and Space, Military Space Division, MILSTAR Satellite System, Sunnyvale, CA
1999-2001	Research Assistant: University of the Pacific, Community Re-Entry Program Stockton, CA
1999-2000	Mental Health Specialist: Phoenix Programs, Stockton, CA
2000-2000	Research Assistant: University of Melbourne, Philippines Peace Project, Melbourne Australia
1999-2001	Research Assistant: University of the Pacific (UoP) Psychology Department,

Stockton, CA  
1999-1999 Sports Counselor: UoP, Pacific Family Camp, Grey Eagle, CA  
1996-1997 Founder and Co-Captain, Amador High School Women's Soccer Team, Sutter Creek, CA

## TEACHING EXPERIENCE

2009-2011 Adjunct Professor: Experimental Psychology, Sensation and Perception: University of Texas, San Antonio  
2009-2009 Adjunct Professor: Physiological Psychology: Saint Mary's University Graduate School  
2007-2008 Instructor: Test Taking Improvement: Center for Information Dominance Corry Station, Pensacola, Florida  
2007-2007 Adjunct Professor: Human Development: Pensacola Junior College, Pensacola, FL  
2007-2007 Adjunct Professor: Perception: University of West Florida Graduate School, Pensacola, FL  
2005-2005 Instructor Introduction to Psychology: University of Nevada, Reno, Reno NV  
2003-2003 Instructor: Web Design: Upward Bound Summer Academy, Reno NV  
2001-2005 Assistant Instructor: Multiple Classes: University of Nevada, Reno, Reno NV  
1999-2001 Instructor: Mental Health Skills Rehabilitation, University of the Pacific, Community Re-Entry Program, Stockton, CA  
1998-1999 Coach: Nike P.L.A.Y. Corps: Soccer, Stockton, CA

## PUBLICATIONS

Svec, L. (2012). Hazing in the Military. Defense Equal Opportunity Management Institute #TR-09-12.

Svec, L. (2012). Diversity Index. Defense Equal Opportunity Management Institute #TR 10-12.

Svec, L., Freeman, D. and Beer, J. Directed energy in the military environment. *The Leading Edge* Volume 7 Issue 4, 2012

Svec, L. *From One Hour to One Lifetime Increasing STEM the Easy Way*. Naval Medical Research and Development News, VIII:6, 2011.

Svec, L., Freeman, D. and Kuyk, T. 2011 *Predictive modeling of color vision with Laser Eye Protection*. Manuscript selected for award in the Aerospace Medical Association Young Investigator competition.

Beer, J., Svec, L. & Freeman, D. (2009). Operational evaluation of tracking and warning effectiveness with the LA-9/P laser in open-water boat-to-boat engagements. Naval Medical Research Unit-San Antonio Report #TR-2009-001.

Beer, J., Svec, L., Cudahy, E., Freeman, D. & Marvin, K. (2010). Evaluation of visual

effectiveness and warning signal produced by the Unambiguous Warning Device Laser Concept Demonstrator. Naval Health Research Center/Naval Submarine Medical Research Laboratory Technical Report NAMRU-SA TR#2010-11/NSMRL TR#2010-1278.

Svec, L. & Reddix, M. Your Eyes...Their Target: Lasers in Aviation. (2009). *Approach Magazine*. Naval Safety Center.

Beer, J., Freeman, D. & Svec, L. (2008). Maritime test-bed evaluation of the GBD-IIIC laser designator/illuminator for vessel defense in the littoral. Naval Health Research Center Technical Report DEBL #2008-04.

Webster M., Mizokami, Y., Svec, L., & Elliot, S. (2006). Neural adjustments to chromatic blur. *Spatial Vision*, 19(2-4), 111-132.

## PRESENTATIONS

Svec, L. & Van Driel, M. *Shifting Bias as Measured by the Implicit Association Test: A Pilot Study* Talk accepted for presentation at the XXI International Congress of International Association for Cross-Culture Psychology, South Africa, 2012

Svec, L. & Bray, M. *Efficacy and Intention in HIV Prevention* Talk accepted for presentation at the XXI International Congress of International Association for Cross-Culture Psychology, South Africa, 2012

Svec, L. *Adventures in Color Space* invited speaker, Institute of Human and Machine Cognition, Pensacola FL, 2011

Svec, L., Freeman, D. and Kuyk, T. *Applied Color Vision*. Talk presented at the International Color Vision Society biannual meeting, Norway, 2011.

Svec, L. *Color Science* Seminar presented at Brooks City Base Research Lab, 2011

Svec, L. *Expanding Your Horizons in Science* Workshop for young girls presented at annual Expanding Your Horizons event, Saint Mary's University, 2011

Svec, L. *A Journey through Color Science* invited speaker, UTSA Art department, 2010

Svec, L. *Expanding Your Horizons in Science* Workshop for young girls presented at annual Expanding Your Horizons event, University of Texas, San Antonio, 2010

Svec, L. *Psychobehavioral Effects of Lasers on the Modern Battlefield*. Talk Presented at the Lasers in the Modern Battlefield Annual Meeting, 2009.

Svec, L. *Laser Eye Protection*. Talk presented at the Lasers in the Modern Battlefield Annual Meeting, 2006.

## POSTERS

Svec, L., Freeman, D. and Kuyk, T. *Predictive modeling of color vision with Laser Eye Protection*. Poster presented at Aerospace Medical Association annual meeting, 2011.

Bray, M. & Svec, L. *AIDS/HIV Prevention across Cultures in College Students* Poster accepted for presentation at the UTSA Spring Undergraduate Research Conference, 2011

Svec, L., Elliot, S., Highsmith, J., McDermot, K., Crognale, M., and Brunstetter, T. *The effect of spectrally sensitive filters on color vision and aviation performance* University of Nevada, Reno and NAVAIR 4.6. Poster Presented at the Vision Sciences Society Annual Meeting 2005

Svec L., Webster M., and Crognale M. *Vasospastic status and visual function*. University of Nevada, Reno. Poster presented at the biennial International Color Vision Society Meeting, 2003

Svec L., & Wang, H. *A cross and inter cultural assessment of AIDS/HIV behaviors, attitudes, knowledge, and methods*. Soochow University, Taiwan & University of Nevada, Reno. Poster presented at American Psychological Society 2003

Svec, L. and Webster, M. 2002. *The perception of blur in color varying patterns*. University of Nevada, Reno. Poster presented at Vision Sciences Society Annual Meeting 2002.

Mackiokas, J. and Svec, L. 2002. *Attentional blink*. University of Nevada, Reno. Poster presented at Vision Sciences Society Annual Meeting, 2002.

Svec, L. 2001. *A cross-cultural examination of AIDS/HIV history, knowledge, efficacy, intentions, and preferred interventions of college student: A Pilot Study*. University of Melbourne. Presented at Sigma Chi Research Conference, 2001.

## **SPECIAL TRAINING**

- Conflict Transformation, Corrymeela Community, Northern Ireland 2012
- Certified Diversity Management Practitioner, 2011
- Certified Department of Defense Mediator, 2011
- Certified Instructor of Basic Life Support, 2011
- Management Training, 2010
- Certified Command Fitness Leader, 2010
- Source Selection Review Team Lead Training, 2010
- Certified Voting Assistance Officer, 2009
- Institutional Review Board Administration Training, 2009
- Laser Safety Officer Training, Laser Institute of America, 2009
- Lean Six Sigma green belt certification, Pensacola, Fl 2007
- TS/SCI Clearance granted in 2007
- U.S. Navy Aeromedical Officers Training: Pensacola, Florida 2006
- U.S. Navy Officer Indoctrination School: Newport, Rhode Island 2005
- AutoCAD 2000, HTML, Sigmaplot, Microsoft Excel, Word, Power Point
- Behavioral analysis, vision assessment, survey administration

- Conference/Meeting Facilitator for the National Security Agency and ONR
- University software such as Blackboard, WebCT, Blue Board, I-clicker, etc.

## **AWARDS**

- 2011 Principle Director's List, DEOMI Equal Opportunity Advisor School
- 2011 Travel Grant, International Color Vision Society
- 2011 Aerospace Medicine Association International Young Investigator Award
- 2011 Awarded Military Volunteer Service Medal
- 2011 Nominated for UTSA Distinguished Faculty
- 2009 ONR Independent In House Laboratory Research Grant: \$168,000 for 3 years
- 2007 United States Navy Meritorious Service Medal Award
- 2005 Dissertation Grant Recipient, Naval Air Systems Command, NAS Patuxent River
- 2004 Internship Recipient, Office of Navy Research, NAS Patuxent River
- 2003 Travel Award, American Psychological Society
- 2002 Rocky Mountain Psychological Assoc. research paper competition winner
- 2002 Who's Who Among College Students
- 2002 Travel Grant, Graduate Student Association University of Nevada, Reno
- 2001 Top 3 Summer Project Winner, Lockheed Martin Missiles and Space
- 1998 Awarded NIKE P.L.A.Y. Corps Coaching Scholarship
- 1997 Awarded Rotary Club Scholarship

## **STUDENTS**

- 2011 Solangia Engler, *Color Vision and Mathematical Modeling*
- 2011 Cherish Brooks, *Medical Illustration*
- 2010 Megan Bray, *AIDS/HIV Prevention across Cultures in College Students*
- 2010 Taryn De La Cerda, *Improving Health in the Workplace*
- 2010 Pandora Paisley, *Improving Health in the Workplace*
- 2009 Tiffany Trevino, *Color Vision* Recipient of ONR NREIP Internship Award

## **PROFESSIONAL MEMBERSHIP**

- Member, American Association of University Women
- Member, Aerospace Medical Association
- Invited Conference Session Co-Chair, International Color Vision Society
- Who's Who among Graduate Students
- Past Member, Psi Chi Honor Psychology
- Past Vice Master Alchemist, Alpha Chi Sigma, Professional Chemistry Fraternity

## **REFERENCES**

- Mr. Ronald M. Joe, SES, DEOMI Commandant, Retired (850) 562-8446
- CDR Mike Reddix, Professor USAF Academy, Colorado (719) 333-2514
- LTCR Tyson Brunstetter, O.D. Director of Refractive Surgery, NHSD (619) 954-8174
- Mike Crognale, Professor UNR Psychology Department (775) 784-6828