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FACSIMILE TRANSMITTAL SHEET

TO:
HON. JOSEPH SUHRE

FROM:
NICHOLAS A. MARSH

FAX NUMBER:
.513-333-0032

DATE:
December 9, 2013

COMPANY:
Suhre & Associates, LLC

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SENDER'S REFERENCE NUMBER:

RE: CARROLL
DISTRICT COURT
CASE NO. 13-T-1250

YOUR REFERENCE NUMBER:

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OTHER MESSAGES/NOTES:

COMMONWEALTH V JAMES SEILER
EXPERT WITNESS



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December 9, 2013

Hon. Joseph B. Suhre
600 Vine Street, Suite 1004
Cincinnati, OH 45202

SENT VIA MAIL & FAX: 513-333-0032

RE: Commonwealth v. James Seiler
Carroll District Court
Case No.: 13-T-01250

Dear Mr. Suhre:

I am writing to follow up to your letter received today, and my phone conversation with your assistant last Friday. In accordance with your letter, I have enclosed the curriculum vitae for Dr. Karl Citek, O.D., Ph.D., FAAO, who the Commonwealth intends to call as a witness in this matter. Dr. Citek's contact information is located on the top of the CV. As of today, Dr. Citek has not prepared any reports.

As your assistant and I discussed last week, Dr. Citek is not available on December 19. He gave me some alternate dates. Of those dates I believe the afternoon of January 16 or February 13 would work best since these are Judge Chandler's regular docket days. Please advise if either of these work for you. If you are in agreement, I can contact the Judge and schedule same with her. If you are not in agreement, please advise immediately so that we can have a conference call with the Judge and get this ironed out. Once we have the date selected, I can confirm with Dr. Citek.

If you have any questions, please feel free to give me a call.

Respectfully,

CARROLL COUNTY ATTORNEY


Nicholas A. Marsh

NAM/nam
Enclosure

KARL CITEK, O.D., Ph.D., FAAO

P.O. Box 432

Forest Grove, Oregon 97116

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*CURRICULUM VITAE***EDUCATION**

SUNY College of Optometry
Ph.D. in Vision Science, May 1995.

SUNY College of Optometry
O.D., December 1993.

SUNY College of Optometry
M.S. in Vision Science, June 1990.

Columbia University
B.A. in Physics, May 1984.

PROFESSIONAL AND WORK EXPERIENCE

Institute of Police Technology and Management, University of North Florida
Adjunct Faculty, 2003-present.

Instructor, Medical Foundations of Visual System Testing.

Pacific University College of Optometry

Professor, 2006-present;

Associate Professor, 2000-2006;

Assistant Professor, 1994-2000.

Instructor, Physiological Optics; Ophthalmic Optics; Visual Perception;
Environmental Vision.

Attending Doctor, Primary Care and Low Vision Clinics.

Research Coordinator, Pacific/Nike Research Program.

SUNY College of Optometry

Research Assistant, 1987-1994, for Dr. Sheldon M. Ebenholtz.

Teaching Assistant, 1987-1991, 1994, Geometrical Optics.

Laboratory Assistant, 1988-1989, Ocular Anatomy and Physiology.

Research Assistant, 1984-1987, for Dr. Milton Katz.

PROFESSIONAL LICENSES (OPTOMETRY)

Oregon (AT), New York (DPA).

ACADEMIC COMMITTEES

Pacific University

University Technology Committee, 2010-present.

Faculty Co-Chair, 2007-2009.

Accreditation Committee on Institutional Integrity, Co-Chair, 2006-2007.

University Council, 2003-2004.

Budget Advisory Committee, 2003-2007.

University Personnel Committee, 2001-2002, 2004-2007.

Institutional Review Board, Chair, 1995-2005; Member, 2005-2007.

Pacific University College of Optometry

Academic and Professional Standards Committee, 2007-2009.

Search Committee for Optometry Faculty Members, Chair, 2006-2007.

Search Committee for Optometry Dean, 2006.

Search Committee for Optometry Faculty Members, Chair, 2004-2005.

Search Committee for Optometry Faculty Member, Chair, 2001.

Faculty Development Committee, Chair, 2001-2002, 2004-2006; Member, 1998-2001, 2006-2007, 2011-present.

Search Committee for Associate Dean of Clinical Programs, Chair, 1998.

Faculty Secretary, 1997-1999.

Research and Awards Committee, 1996-2004, 2010-2011.

Standards and Appeals Committee, 1996-1998.

Task Force on Student Evaluations, 1996-1997.

Curriculum Committee, 1995-1996.

Search Committee for Physics/Optometry Faculty Member, 1995.

SUNY College of Optometry

Learning Resources Committee, 1993-1994.

Graduate Curriculum Committee, 1990-1991.

Distinguished Teaching Professor and Excellence in Teaching Nominating Committees, 1990.

Accreditation Self-Study Committee, 1989-1992.

Search Committee for Vice President of Student Affairs, 1989-1990.

Graduate Student Organization, President, 1989-1993.

PROFESSIONAL ACTIVITIES

Fellow, American Academy of Optometry.

Member, Association for Research in Vision and Ophthalmology.

Member, American Optometric Association.

Member, Oregon Optometric Physicians Association.

Member, Portland Metropolitan Optometric Society.

Member, Optical Society of America.

Associate Editor, *Optometry: Journal of the American Optometric Association*.

Reviewer, *Optometry: Journal of the American Optometric Association*.

Reviewer, *Optometry and Vision Science*.

Reviewer, *Journal of Forensic Science*.

Reviewer, *Applied Optics*.
 Reviewer, *Review of Optometry*.
 Member, Oregon Drug Recognition Expert Advisory Council, 2011-present.
 Member, Clinical & Practice Advancement Group Executive Committee, American Optometric Association, 2010-present.
 Chair, Commission on Ophthalmic Standards, American Optometric Association, 2010-present.
 Member, Commission on Ophthalmic Standards, American Optometric Association, 2004-2010.
 Member, Vistakon UV Advisory Board, 2007.
 President, Portland Metropolitan Optometric Society, 2004-2005.
 Member, Texas Impaired Driving Advisory Board, 2003.
 Volunteer, Lions Vision Screening, Oregon Special Olympics, 2001 & 2004.
 Co-Chair, Ophthalmic Optics Educators Special Interest Group, Association of Schools and Colleges of Optometry, 1999 & 2001.
 President, Optical Society of America, Columbia Section, 1999-2000.
 Faculty-Student Liaison, American Academy of Optometry, 1995-2000.
 Co-Editor, *Afterimages*, Class of 1993 Yearbook.

COMMUNITY ACTIVITIES

Volunteer, *Haystack Rock Awareness Program*, Cannon Beach, Oregon, 2004-present.
 Volunteer, Hillsboro (OR) International Airshow, 2000, 2003-2010.
 Volunteer, *Whale Watching Spoken Here*, Oregon State University/Oregon Parks and Recreation Department, 1999-present.
 Board of Directors, A Child's Place/Un Lugar Para Niños, Hillsboro, Oregon. Member, 1996-2011; President, 2002-2009.
 Co-Chair, Hillsboro (OR) Chamber of Commerce Rose Festival Float Committee, 1998 & 1999.
 Member, Hillsboro (OR) Chamber of Commerce Rose Festival Float Committee, 1995 & 1996.

AWARDS AND FELLOWSHIPS

Honorable Order of Kentucky Colonels, 2010.
 Sabbatical Leave, Spring 2010.
 Pacific University Faculty Development Award (\$3000), 2007.
 DRE Ambassador, 2006.
 DUII Trainer of the Year, Oregon DUII Multi-Disciplinary Task Force, 2005.
 C.A.N.D.I.D. & IACP Outstanding DRE Education Award, 2004.
 Pacific University Faculty Development Award (\$2500), 2004.
 Sabbatical Leave, Spring 2003.
 Kikuchi College Research Grant (\$3500), 2002.
 Kikuchi College Research Grant (\$3000), 1998. With Dr. Diane Yolton.
 Pacific University Junior Faculty Award, 1997.
 Dr. William Feinbloom Memorial Award for Outstanding Clinical Proficiency in Low Vision, 1993.
 Ira Goldfarb Memorial Award for Excellence in Low Vision, 1993.

Association for Research in Vision and Ophthalmology Travel Fellowship, to attend the 1990 Annual Meeting in Sarasota, FL.

Frank W. Weymouth Student Travel Fellowship, from the American Academy of Optometry, to attend the 1989 Annual Meeting in New Orleans, LA.

PATENTS & PATENT APPLICATIONS

- U.S. Patent 8,002,408, Issued August 23, 2011. *Anaglyphic depth perception training or testing.* With Drs. Alan Reichow and Graham Erickson, and Herb Yoo.
- U.S. Patent 7,980,693, Issued July 19, 2011. *Anaglyphic depth perception training or testing.* With Drs. Alan Reichow and Graham Erickson.
- U.S. Patent 7,963,869, Issued June 21, 2011. *Chromatic architecture for sports equipment.* With Clancy Boyer, Richard Avis, and Dr. Alan Reichow.
- U.S. Patent 7,850,303, Issued December 14, 2010. *Optically decentered face shield.* With Dr. Alan Reichow.
- U.S. Patent 7,828,434, Issued November 9, 2010; Int'l Patent KR20090049083, Issued May 15, 2009. *Zone switched sports training eyewear.* With Ryan Coulter, Michael Collier, Phil Frank, and Dr. Alan Reichow.
- U.S. Patent 7,814,577, Issued October 19, 2010. *Spectrally balanced protective facemasks.* With Christopher Page and Dr. Alan Reichow.
- Int'l Patent EP2158010, Issued March 3, 2010; U.S. Patent Application 20070281812, Filed May 11, 2007. *Soccer ball with motion graphic.* With Todd Smith and Dr. Alan Reichow.
- Int'l Patent EP2146784, Issued January 27, 2010; U.S. Patent Application 20080280708, Filed November 13, 2008. *Sporting ball with enhanced visual acuity.* With Todd Smith and Dr. Alan Reichow.
- U.S. Patent 7,551,360, Issued June 23, 2009. *Inclined edge sports lens.* With Dr. Alan Reichow.
- U.S. Patent 7,475,435, Issued January 13, 2009; Int'l Patent TW276446, Issued March 21, 2007. *Swim goggles.* With Dylan Van Atta, Dr. Alan Reichow, and Robert Bruce.
- U.S. Patent 7,403,346, Issued July 22, 2008. *Inclined edge sports lens.* With Dr. Alan Reichow.
- U.S. Patent 7,389,543, Issued June 24, 2008; Int'l Patent AT453134, Issued January 15, 2010. *Optically decentered face shield.* With Dr. Alan Reichow.
- U.S. Patent 7,370,374, Issued May 13, 2008. *Ventilated safety goggles.* With Frank Penque, Jr., Wayne Phillips, and Dr. Alan Reichow.
- U.S. Patent 7,073,208, Issued July 11, 2006. *Ventilated safety goggles.* With Frank Penque, Jr., Wayne Phillips, and Dr. Alan Reichow.
- U.S. Patent 6,893,127, Issued May 17, 2005. *Activity-specific optical filters and eyewear using such filters.* With Drs. Alan Reichow and Robert Yolton.
- U.S. Patent 6,755,525, Issued June 29, 2004; Int'l Patent EP1726277, Issued November 29, 2006. *Decentered protective eyewear.* With Dr. Alan Reichow.
- U.S. Patent 6,631,987, Issued October 14, 2003; Int'l Patent WO02059684, Issued August 21, 2002. *Activity-specific optical filters and eyewear using such filters.* With Drs. Alan Reichow and Robert Yolton.
- U.S. Patent 6,129,435, Issued October 10, 2000; Int'l Patent WO9952480, Issued October 21, 1999. *Decentered protective eyewear.* With Dr. Alan Reichow.

U.S. Patent Application 20090126063, Filed May 21, 2009. *Conical face shield*. With Jonathan Brown and Dr. Alan Reichow.

U.S. Patent Application 20050170920, Filed February 2, 2004. *Chromatic architecture for sports equipment*. With Clancy Boyer, Richard Avis, and Dr. Alan Reichow.

PEER-REVIEWED PUBLICATIONS

- Citek K, Elmont AD, Jons CL, Krezelok CJ, Neron JD, Plummer TA, Tannenbaum T. *Sleep deprivation does not mimic alcohol intoxication on field sobriety testing*. J Forensic Sci 2011;56(5):1170-9.
- Citek K, Torgersen DL, Endres JD, Rosenberg RR. *Safety and compliance of prescription spectacles ordered by the public via the internet*. Optometry 2011;82(9):549-55.
- Erickson GB, Citek K, Cove M, Wilczek J, Linster C, Bjarnason B, Langemo N. *Reliability of a computer-based system for measuring visual performance skills*. Optometry 2011;82(9):528-42.
- Cooper J, Citek K, Feldman JM. *Comparison of refractive error measurements in adults with Z-View aberrometer, Humphrey autorefractor, and subjective refraction*. Optometry 2011;82(4):231-40.
- Citek K. *Anti-reflective coatings reflect ultraviolet radiation*. Optometry 2008;79(3):143-148.
- Reichow AW, Citek K, Edlich RF. *Ultraviolet and short wavelength visible light exposure: why ultraviolet protection alone is not adequate*. J Long-Term Effects Med Implants 2006;16(4):315-325.
- Citek K, Ball B, Rutledge DA. *Nystagmus testing in intoxicated individuals*. Optometry 2003;74(11):695-710.
- Smith JA, Hayes CE, Yolton RL, Rutledge DA, Citek K. *Drug recognition expert evaluations made using limited data*. Forensic Sci International 2002;130:167-173.
- Yolton RL, Citek K, Schmeisser E, Reichow AW, Griffith T. *Laser pointers: toys, nuisances, or significant eye hazards*. J Am Opt Assoc 1999;70:285-289.
- Kosnoski EM, Yolton RL, Citek K, Hayes CE, Evans RB. *The drug evaluation classification program: using ocular and other signs to detect drug intoxication*. J Am Opt Assoc 1998;69:211-227.
- Citek K, Ebenholtz SM. *Vertical and horizontal eye displacement during static pitch and roll postures*. J Vestibular Res 1996;6:213-228.
- Ebenholtz SM, Citek K. *Absence of adaptive plasticity after voluntary vergence and accommodation*. Vision Res 1995;35:2773-2783.
- Gallagher JT, Citek K. *A Badal optical stimulator for the Canon Autorefractor R-1 optometer*. Optom Vis Sci 1995;72:276-278.
- Katz M, Yager D, Lewis A, Citek K, Sanchez N, Arditi A. *Modulation transfer functions and contrast sensitivity through low vision telescopes*. App Opt 1989;28:1103-1109.
- Katz M, Citek K. *Modulation transfer functions of low power telescopes*. Am J Optom Physiol Opt 1988;65:192-208.
- Katz M, Citek K, Arditi A. *An instrument for measuring the modulation transfer function of low power telescopes and telemicroscopes*. Am J Optom Physiol Opt 1988;65:190-197.
- Katz M, Citek K, Price I. *Optical properties of low vision telescopes*. J Am Optom Assoc 1987;58:320-331.

PEER-REVIEWED ABSTRACTS

- Andre B, Sheedy J, Citek K. *Characterization of the optical properties of progressive addition lenses (PALs) using root-mean-square of the power error (RMSPE)*. *Optom Vis Sci* 2010;87:E-abstract 105968.
- Erickson G, Citek K, Yoo H, Reichow A. *A comparison of stereoacuity at 6 m of collegiate baseball players in primary gaze and batting stance* [Abstract]. *Journal of Vision* 2010;10(7):374,doi:10.1167/10.7.374.
- Yoo H, Reichow A, Erickson G, Citek K. *Static and dynamic visual acuities of athletes* [Abstract]. *Journal of Vision* 2009;9(8):411,doi:10.1167/9.8.411.
- Eagles KD, Olson S, Tuttle J, Laukkanen HR, Baxstrom C, Citek K. *Comparison of three tests on brain injury patients with OT diagnosis of neglect/unilateral spatial inattention*. *Optom Vis Sci* 2007;84:E-abstract 070010.
- Baird RY, Reichow AW, Citek K, Garchow K. *Do scores on a tachistoscope test correlate with an athlete's ability?* *Optom Vis Sci* 2007;84:E-abstract 075052.
- Citek K. *Anti-reflective coated lenses reflect ultraviolet radiation*. *Optom Vis Sci* 2006;83:E-abstract 065424.
- Frenette B, Citek K, Fontaine N, Larocque M-E. *Comparative study of physical and mechanical properties of last generation anti-reflective coatings*. *Optom Vis Sci* 2006;83:E-abstract 065422.
- Citek K. *How safe are disposable mydriatic spectacles?* *Optom Vis Sci* 2006;83:E-abstract 065403.
- Baird RY, Citek K, Claypool C. *Spectral characteristics of soft contact lenses hydrated with different solutions*. *Optom Vis Sci* 2006;83:E-abstract 065248.
- Kundart J, Citek K. *Comparison of Farnsworth and Lanthony D-15 color vision tests to a computerized color vision cap rearrangement test*. *Optom Vis Sci* 2006;83:E-abstract 065127.
- Citek K, Reichow AW, Baird RY, Semler C, Vidlak D. *Effects of moderate-level altitude change on intraocular pressure*. *Optom Vis Sci* 2006;83:E-abstract 065123.
- Citek K, Stotler M, Kuntz M. *Spectral changes in plastic ophthalmic lenses following ultraviolet exposure*. *Optom Vis Sci* 2005;82:E-abstract 055427.
- Citek K, Arlien AD, Jons CL, Krezelok CJ, Neron JD, Plummer T, Tannenbaum T. *Sleep deprivation does not cause eye movements that mimic alcohol intoxication*. *Optom Vis Sci* 2005;82:E-abstract 055223.
- Citek K, Reichow AW. *Visual performance comparison of SportSight soft contact lenses and tinted spectacles*. *Optom Vis Sci* 2004;81(Suppl):84.
- Citek K, Bewley J, Harlin D, Porter L. *Visual field testing in intoxicated individuals*. *Optom Vis Sci* 2003;80(Suppl):201.
- Reichardt C, Snider M, Bergenske P, Lingel N, Citek K. *The effect of ambient illumination and dark adaptation on force required to perceive a pressure phosphene*. *Optom Vis Sci* 2003;80(Suppl):130.
- Citek K, Ball B, Rutledge DA. *Convergence testing in intoxicated individuals*. *Optom Vis Sci* 2002;79(Suppl):241.
- Citek K, Reichow A, Erickson G, Holec B, Nolin L, Kim M. *Effects of polarized lenses on golf putting performance*. *Optom Vis Sci* 2002;79(Suppl):239.

- Citek K, Cullum S, Thomas E. *Durability of UV absorbance of non-prescription sun eyewear.* Optom Vis Sci 2002;79(Suppl):169.
- Yolton DP, DeRuyter B, Miller B, Sadler T, Wick JA, Citek K. *Failure of oral supplement containing lutein to change macular pigment density.* Optom Vis Sci 2002;79(Suppl):104.
- Citek K, Yolton DP, Klassen T, Erenfeld N, Gustafson B, Moffat K. *Lack of correlation between macular pigment density and daily lutein intake.* Invest Ophthalmol Vis Sci 2000;41(4):S601.
- Osborne K, Lighthouse C, Boersma H, Guidon K, Yolton RL, Citek K, Hayes C. *Assessment of pupil sizes by police officers using a UV light source.* Optom Vis Sci 1998;75(Suppl):104.
- Davis VL, Slebos JL, Dunford DA, Citek K. *A survey of musicians: their expectations of optometrists.* Optom Vis Sci 1998;75(Suppl):148.
- Citek K, Ebenholtz SM. *Influence of pitch and roll posture on vertical eye position.* Optom Vis Sci 1995;72(Suppl):122.
- Citek K, Ebenholtz SM. *Doll reflex revisited: vertical version with changes in pitch and roll posture.* Invest Ophthalmol Vis Sci 1995;36(4):S684.
- Ebenholtz SM, Citek K. *Low level adaptation of vergence resting level after sustained voluntary vergence.* Invest Ophthalmol Vis Sci 1992;33(4):1101.
- Katz M, Xu D, Citek K. *CSF through telescopes and microscopes is predictable from their MTFs.* Invest Ophthalmol Vis Sci 1990;31(Suppl):413.
- Citek K, Ebenholtz SM. *Vestibulo-accommodative response: effect of static roll position on dark focus.* Invest Ophthalmol Vis Sci 1990;31(Suppl):82.
- Katz M, Xu D, Citek K, Wei JP. *CSF through telemicroscopes with degraded MTFs.* Optom Vis Sci 1989;66(Suppl):139.
- Citek K, Katz M. *Contrast sensitivity through low-vision telescopes is predictable from modulation transfer functions.* Invest Ophthalmol Vis Sci 1989;30(Suppl):400.
- Katz M, Citek K, Schenker S. *The optical properties of telemicroscopes.* Am J Optom Physiol Opt 1987;64:118P.
- Citek K, Katz M, Schenker S. *The modulation transfer functions of telemicroscopes.* Am J Optom Physiol Opt 1987;64:117P.
- Katz M, Citek K, Rubin N. *Modulation transfer functions of low vision telescopes.* Am J Optom Physiol Opt 1986;63:88P.
- Sanchez N, Arditi A, Katz M, Citek K. *Effects of telescopic low vision aids on contrast sensitivity.* Invest Ophthalmol Vis Sci 1986;27(Suppl):78.
- Katz M, Citek K. *An optical system for contrast sensitivity function measurements through telescopes that increases the high spatial frequency range and eliminates excessive accommodative demand.* Am J Optom Physiol Opt 1985;62:71P.
- Katz M, Arditi A, Citek K. *Modulation transfer function system for testing telescopic and telemicroscopic low-vision aids.* J Opt Soc Am A 1985;2(13):P88.

BOOK CHAPTERS

- Citek K. Visual Function, Drugs, and Field Sobriety Tests. In Burns M, ed, *Medical-Legal Aspects of Drugs*, 2nd ed. Tucson, AZ: Lawyers & Judges Publishing Company, 2007.
- Citek K. Contrast Sensitivity Function. In Duckman R, ed, *Visual Development, Diagnosis, and Treatment of the Pediatric Patient*. Philadelphia: Lippincott Williams & Wilkins, 2006.

OTHER PUBLICATIONS

- Citek K. *GEN is not HGN* [Letter to the Editor]. Invest Ophthalmol Vis Sci 2010;**51**(12):6900-690,doi:10.1167/iovs.10-5889.
- Citek K. *Consistency and timing of the horizontal gaze nystagmus test*. Under The Limit. Utah Prosecution Council Traffic Safety Resource Prosecutor, June 2007;**2**(1):3-5.
- Yolton RL, Citek K. *Why all optometry students should have laptop computers for classroom and clinic use*. Optom Educ 2004;**29**(2):59-62.
- Citek K. *HGN & the role of the optometrist*. Admissibility of Horizontal Gaze Nystagmus Evidence: Targeting Hardcore Impaired Drivers. American Prosecutors Research Institute, May 2003.
- Burns M, Citek K. *What is the HGN test?* Admissibility of Horizontal Gaze Nystagmus Evidence: Targeting Hardcore Impaired Drivers. American Prosecutors Research Institute, May 2003.
- Citek K, Yolton RL. *Body sway and the HGN and VGN tests*. Northwest Evaluator: The Pacific Northwest Drug Recognition Expert Newsletter, March 2003:1-3.
- Sharping J, Citek K, Williams J, Plant T, Haw T. *Education outreach in Oregon*. Optics & Photonics News 2002;**13**(11):18-19.
- Citek K. *A doctor's guide to spectacle lens base curves and aspheric designs*. Refract Eyecare Ophthalmol 2001;**5**(4):5-9.
- Citek K, Yolton RL. *Positional alcohol nystagmus - what is it and how do you avoid it at roadside? Part I*. Northwest Evaluator: The Pacific Northwest Drug Recognition Expert Newsletter, December 2000: 6. *Part II*. Northwest Evaluator: The Pacific Northwest Drug Recognition Expert Newsletter, March 2001:1-2.
- Citek K. *What type of lenses do you recommend?* Refract Eyecare Ophthalmol 1999;**3**(10):26-31.
- Yolton RL, Citek K. *Why does my computer screen make me so dizzy?* On The Level, Newsletter of the Vestibular Disorders Association 1999;**16**(4):1-2.
- Yolton RL, Citek K. *Time to start a backfire?* J Opt Vis Dev 1998;**29**:5-6.
- Citek K. *CNS stimulants and constricted pupils*. The Northwest Evaluator: The Pacific Northwest Drug Recognition Expert Newsletter, December 1998:1-2.
- Yolton RL, Citek K. *When is pupil size not really the pupil size?* The Northwest Evaluator: The Pacific Northwest Drug Recognition Expert Newsletter, March 1998:1-2.
- Citek K. *Converting patients to PALs*. Opt Today Varilux Supplement, May 1997:16-22.

STUDENT THESIS PROJECT ADVISING

Class of 2008

Bell I, Gustafson J, Hartman A, Owen J, Woodbury E, Yoshieda M; and Heintz J, Knudson D, Spieler S, Class of 2009. *Visual performance enhancement through the use of Bangert foil induced blur.*

Biwer M, Schaff J, Wiederholt N, Wilkinson B. *Correlation study of eye-hand reaction time using the Reaction Plus and Reaction Plus II.* With Drs. Alan Reichow and Fraser Horn.

Class of 2007

Adamek J, Bergeson J, Coulson D. *Anterior chamber depth measurement: Experimental slit lamp method versus applanation A-scan.*

Ford I, Habib A. *Continued research, development, and construction of a state of the art impact testing lab for eyewear: instrument calibration portion.* With Dr. Alan Reichow.

Class of 2006

Arlie A, Jons C, Krezelok C, Neron J. *Effects of fatigue and low levels of alcohol intoxication on visual function.*

Kuntz M; and Stotler M, Class of 2007. *Spectral characteristics of plastic lenses following exposure to ultraviolet radiation.*

Class of 2005

Bewley J, Harlin D, Porter L. *Visual field testing of intoxicated individuals.*

Sexton K, Mantel A, Gill D. *Effects of modified goggle optical designs on swimmer performance.* With Dr. Alan Reichow.

Class of 2004

Bodman D, Hogan R. *Nike ballistic project.* With Dr. Alan Reichow.

Forgit M, Tang K. *Sunglass tints for target enhancement for trap shooters.* With Dr. Alan Reichow.

Class of 2003

Ball B. *Nystagmus and convergence testing in intoxicated individuals.*

Banta A, Berry C, Lum S, Oliver R. *A study investigating a season's baseball performance while wearing SportSight™ soft contact lenses.* With Dr. Alan Reichow and D. Greg Bradley.

Banta A, Berry C, Lum S, Oliver R. *Comparative study of visual performance with tinted soft contact lenses versus clear soft contact lenses and tinted spectacles under bright outdoor conditions: Phase II.* With Dr. Alan Reichow.

Cullum S, Thomas E. *Durability of photometric and radiometric properties of non-prescription sun eyewear following simulated care.*

Gorrell G, McKenzie R. *An overview of polarized sun eyewear: function, application, and market.* With Dr. Alan Reichow.

Class of 2002

Broecker E, Hashimoto L, Waddell J. *Comparative study of visual performance with tinted soft contact lenses versus clear contact and tinted spectacle lenses.* With Dr. Alan Reichow and Patrick Caroline.

Holec B, Kim M, Nolin L. *The effect of tinted eyewear on golf putting performance.* With Drs. Alan Reichow and Graham Erickson.

Loopeker K, Rowley B. *The effects of reduced ski goggle field and tint on stability and balance.* With Dr. Alan Reichow.

Randgaard T, Tharaldson T. *Handbook of common childhood disorders of the eyes for parents and educators.*

Roberts C, Reigstad S. *Research, development, and construction of a state-of-the-art impact testing lab for eyewear.* With Dr. Alan Reichow.

Class of 2001

Caggiano S, Elliott A, Kikuchi J. *Effects of rigid contact lenses on visual performance.* With Dr. Alan Reichow and Patrick Caroline.

Chin B, Hall Z, Lusk M. *Effects of soft contact lenses on visual performance.* With Dr. Alan Reichow and Patrick Caroline.

Olineck B, Reisler E, Russell J. *Fitting of rigid contact lenses.* With Dr. Alan Reichow and Patrick Caroline.

Gustafson B, Moffat K, Rush N. *Measurement of macular pigment density in young adults following dietary supplementation with lutein.* With Dr. Diane Yolton.

Hill M, Rhees R. *The visual demands of golf.* With Dr. Alan Reichow.

Class of 2000

Beisiegel D, Copeland A. *Phorias and hitting tendencies among baseball players.* With Dr. Alan Reichow.

Fagan W, Lundin B, Winkelman R, Johnson R. *Myopic progression of the 20-to-40-year-old population with respect to occupation and level of education.*

Fellows C, Lawson C. *Effects of tinted lenses on visual performance.* With Dr. Alan Reichow.

Geis T, Johns H, Perea S, Phillips L, Rossman A, Sifferman L. *Contact lens effects on visual performance.* With Dr. Alan Reichow and Patrick Caroline.

Klassen T. *Measurement of lutein levels in young adults with a dietary survey.* With Dr. Diane Yolton.

Lo A, Mjelstad A. *Differences in visual performance between Caucasians and Asians.* With Dr. Alan Reichow.

Searl C. *The visual demands in the cockpit of a transport category aircraft and a study of the use of PALs in the cockpit.*

Class of 1999

Boeckel T, Chiu K. *Measurement thresholds of Pulfrich phenomenon in a normal population.* With Dr. Alan Reichow.

Boersma H, Guidon K, Lighthouse C, Osborne K. *Pupil diameter evaluation using incandescent light and ultraviolet light.* With Dr. Robert Yolton.

Drobny B, Judkins M. *A comparison of optical properties and quality of nonprescription polarized sunglasses.* With Dr. Alan Reichow.

Ho L, Redmond H. *Determination of the preferred tint density of a sunglass lens by individuals with dark pigmented eyes.* With Dr. Alan Reichow.

Class of 1998

Blume M, Corbett C. *The effectivity of Strobospex® training on anticipation timing.* With Dr. Alan Reichow.

Dennehy B, Heetland C. *Myopic progression throughout the pre-presbyopic adult years.*

Derzay M, Dergousoff D. *The effect of Strobospex® training on ball-catching performance.* With Dr. Alan Reichow.

Dunford D; and Davis V, Slebos J, Class of 1999. *A survey of musicians: their expectations of optometrists.*

Kelly S. *The successfulness of photoastigmatic refractive keratectomy.* With Patrick Caroline.

- Kosnoski E. *The drug evaluation classification program: using ocular and other signs to detect drug intoxication.* With Dr. Robert Yolton.
- Peterson C, Roth C. *Aniseikonic effects on speed of stereomobilization.* With Dr. Paul Kohl.
- Pisheh S. *Designing a Farsi logMAR chart.*
- Prischmann S, Rakowsky J, Wong G. *A twist on the traditional Snellen acuity chart: the GAT, an innovative technique for screening children.*

CONTINUING EDUCATION COURSES

2011

Differentiating Intoxication from Other Conditions in an Optometric Examination (1 hour). Pacific University College of Optometry, Forest Grove, OR, February 17.

2009

Trauma, Disease, or Intoxication? Recognizing Drug Impairment (3 hours). North Dakota Optometric Association, Bismarck, ND, February 13.

2008

Trauma, Disease, or Intoxication? Recognizing Drug Impairment (2 hours). American Academy of Optometry Annual Meeting, Anaheim, CA, October 22.

2006

Protecting Patients from Ultraviolet Radiation (3 credits on-line).

<http://opt.pacificu.edu/ce/catalog/15719-GO/UVCitek.html>

UV Radiation: A Review of Ocular and Dermatologic Effects, Current Trends & Protective Ophthalmic Sunwear (1 hour). IRIS Conference, Vancouver, BC, January 28.

2005

Sports Vision: New Lens Technologies for the Competitive Edge (1 hour). EastWest Conference, October 28.

Wrappin' It Up: Why UV Absorption Alone is NOT Good Enough (1 hour). EastWest Conference, October 28.

Intoxication, Road Safety and Eye Movements (1 hour). EastWest Conference, October 28.

Disease Roundtable (2 hours). EastWest Conference, October 27.

2004

Intoxication, Road Safety and Eye Movements (1 hour). Pacific University Faculty Cross-Talk, May 6.

2003

Intoxication, Road Safety and Eye Movements (1 hour). American Optometric Association, June 19; Portland Metropolitan Optometric Society, November 11.

2001

Eye Protection, Vision Enhancement and Profit (2 hours). With Dr. Rodney Tahran. Maui Conference, January 19.

New Lens Designs for Patients' Needs and Your Bottom Line (2 hours). With Dr. Rodney Tahran. Maui Conference, January 15.

2000

Did You Know An Optics Revolution Is Taking Place? (1 hour). Washington Association of Optometric Physicians, April 28.

Sports Vision: New Technologies for the Competitive Edge (2 hours). With Dr. Alan Reichow. Pacific University College of Optometry, April 6.

M.C. Escher: Can You Believe Your Eyes? (1 hour). Pacific University College of Optometry, March 2.

1999

Aspheric Lens Design and High Index Materials (1 hour) and Advancements in Aspheric Lens Design for Astigmatism (1 hour). Optifest '99, August 20.

Prescribing for Vision and Success (2 hours). VISTA Optical, June 13.

1997

Prescriptions, Perceptions and Progressives (1 hour). SOLA Optical USA, June 20.

Ophthalmic Lens Design (1 hour) and Aspheric Lenses (1 hour). Pacific University Continuing Education, April 12.

1996

Etiologies of Neurological Dysfunction (1 hour) and Effects of Neurological Dysfunction on Vision (1 hour). Pacific University Continuing Education, August 10.

1995

Advanced BIO Workshop (3.5 hours). With Drs. Kenneth Eakland and Salisa Williams. Great Western Council of Optometry 1995 Congress, October 21.

HORIZONTAL GAZE NYSTAGMUS (HGN) & DRUG RECOGNITION EXPERT (DRE) PRESENTATIONS

2011

Robustness of the Horizontal Gaze Nystagmus (HGN) Test (2 hours). Montana Courts of Limited Jurisdiction Conference, Kalispell, MT, September 27.

Horizontal Gaze Nystagmus (HGN) Test. Wyoming Circuit Court Judges' Conference, Jackson, WY, April 21; 5th Annual Judges' DWI College, Austin, TX, July 12.

Medical Foundations of Visual System Testing for DREs and Prosecutors (3-day course). Jacksonville, FL, March 23-25; Salina, KS, May 23-25; Cape Coral, FL, June 13-15.

Protecting Lives, Saving Futures: HGN. Salem, OR, February 23; Lexington, KY, March 9; St. Simons Island, GA, September 13.

Overview of Horizontal Gaze Nystagmus (4 hours). Montana DRE Training Program, Helena, MT, January 11, April 25; Washington DRE Training Program, Shelton, WA, April 11; Missoula County (MT) Sheriff's Department, April 26 & 27; Oregon DRE Training Program, Monmouth, OR, September 21.

Horizontal Gaze Nystagmus (3 hours). Washington State Toxicology Lab, Seattle, WA, January 5; Vancouver, WA, March 10; Albuquerque, NM, March 21; Yakima, WA, June 27; Everett, WA, August 1.

2010

Overview of Horizontal Gaze Nystagmus (4 hours). Springfield, IL, July 29; Oak Brook, IL, July 30; Tallahassee, FL, August 11; Forsyth, GA, August 31; Nashville, TN, September 8; Columbus, OH, September 17; Washington DRE Training Program, Pasco, WA, November 2; North Richland Hills, TX, December 6.

SFST & HGN Demonstration. 4th Annual Judges' DWI College, Austin, TX, July 19.

Horizontal Gaze Nystagmus (2 hours). Louisiana District Attorneys' Association Annual Meeting, Destin, FL, June 30; Prosecuting the Drugged Driver, Pasco, WA, August 24; West Yellowstone, MT, October 26; Bismarck, ND, November 3.

Principles of Eye Tests for Intoxication. 22nd Annual Symposium on Alcohol and Drug Impaired Driving Enforcement, Naples, FL, June 8.

Realities and Myths of Eye Movements and Intoxication (3 hours). 22nd Annual Symposium on Alcohol and Drug Impaired Driving Enforcement, Naples, FL, June 8.

HGN Checklist. 23rd Annual Meeting of International Association for Chemical Testing, Dallas, TX, April 21.

Understanding Gaze Nystagmus (4 hours). Washington DRE Training Program, Suquamish, WA, April 6; Montana DRE Training Program, Helena, MT, April 20; Albuquerque, NM, June 10; Santa Fe, NM, June 11; Bellevue, WA, June 18; Oregon DRE Training Program, Ontario, OR, June 22; Las Cruces, NM, June 24; Ruidoso, NM, June 25.

Medical Foundations of Visual System Testing for DREs and Prosecutors (3-day course). Raleigh, NC, March 8-10; Miami, FL, March 17-19; Maitland, FL, March 22-24.

Protecting Lives, Saving Futures: HGN. Lexington, KY, January 20; Biloxi, MS, April 22; Louisville, KY, May 5; Salem, OR, May 12; Wilmington, NC, August 25; Lexington, KY, December 13.

2009

DRE Recertification Training: Eye Movements and Pupil Responses (6 hours). Raleigh, NC, December 14.

DRE Recertification Training: Eye Movements and Pupil Responses (4 hours). Schenectady, NY, November 3; Rochester, NY, December 1.

SFST Update: HGN (3 hours). North Richland Hills, TX, November 17.

DUI and Medical Conditions with the Eyes. 15th Annual IACP Training Conference on Drugs, Alcohol and Impaired Driving, Little Rock, AR, August 9.

Protecting Lives, Saving Futures: HGN (3 hours). Springfield, IL, August 5.

HGN Checklist. Texas Center for the Judiciary DWI College, Austin, TX, July 28; Washington Judicial Forum, Lynnwood, WA, September 8.

HGN (3 hours). Governor's Conference on Impaired Driving, Casper, WY, May 6; State's Attorneys' Conference, Deadwood, SD, May 8; Prosecuting the Drugged Driver, Sarasota, FL, May 21.

Medical Foundations of Visual System Testing for DREs and Prosecutors (3-day course). Daytona Beach, FL, March 23-25.

Protecting Lives, Saving Futures: HGN. Louisville, KY, March 10; Salem, OR, March 11; Knoxville, TN, May 13; Memphis, TN, August 6.

HGN (2 hours). Bismarck, ND, February 13; Intoxication Manslaughter Seminar, Galveston, TX, March 27; Prosecuting the Drugged Driver, Biloxi, MS, April 22.

Understanding Gaze Nystagmus (4 hours). Utah DRE Conference, Sandy, UT, January 12; A.R.I.D.E., Alcoa, TN, February 10; Montrose, CO, February 12; Washington DRE Training Program, Shelton, WA, March 31; Missoula, MT, April 4; Austin, TX, April 10; Oregon DRE Training Program, Monmouth, OR, April 29; Cody, WY, May 28; A.R.I.D.E., Franklin, TN, June 24; A.R.I.D.E., Jackson, TN, August 10; Shelton, WA, August 26; Washington DRE Training Program, Suquamish, WA, September 15; Libby, MT, September 28.

2008

SFST Update: HGN (4 hours). North Richland Hills, TX, November 18.

HGN (3 hours). Santa Fe, NM, October 14.

The Science of HGN. 2008 Delaware Highway Safety Conference, Rehoboth Beach, DE, October 2.

Medical Foundations of Eye Testing. 14th Annual IACP DRE Training Conference, Indianapolis, IN, August 11.

Challenges to HGN in a DUI Case (3 hours). Prosecuting the Drugged Driver, Wilmington, NC, August 1.

SFST/DRE Workshop. With Mr. Dick Studdard. Texas Center for the Judiciary DWI College, Austin, TX, July 21.

HGN (2 hours). Special Presentation, Prosecutor's Office, Jacksonville, FL, June 19.

Understanding Gaze Nystagmus (3 hours). Oregon DRE Training Program, Monmouth, OR, May 1.

Medical Foundations of Visual System Testing for DREs and Prosecutors (3-day course). Jacksonville, FL, April 28-30; Tampa, FL, July 28-30; Gilbert, AZ, November 3-5.

Horizontal Gaze Nystagmus. 9th Annual Mid-Atlantic Regional DUI Conference, Virginia Beach, VA, March 18.

SFST Update: Horizontal Gaze Nystagmus (3 hours). Newberg, OR, March 9; April 13.

Understanding Gaze Nystagmus (4 hours). Advanced SFST Course, Franklin, TN, February 26; DRE/SFST In-Service, Colorado Springs, CO, April 4; DRE Training, Toronto, Ontario, CA, April 5; Washington DRE Training Program, Suquamish, WA, April 23; Alaska Peace Officers Association Crime Conference, Juneau, AK, May 6; A.R.I.D.E., Cleveland, TN, August 5; A.R.I.D.E., Somerville, TN, October 20.

Horizontal Gaze Nystagmus (2 hours). Meridian, ID, February 6; Prosecuting the Drugged Driver, Forsyth, GA, April 2; DUI Conference, Austin, TX, July 10; Boone, NC, July 11.

Protecting Lives, Saving Futures: HGN. Jenny Wiley State Park, KY, January 15; Salem, OR, February 28; Lexington, KY, December 4.

2007

DRE Update Training: Eye Movements and Pupils (2 hours). Chelan, WA, October 10.

DRE Recertification Training: Eye Movements and Pupil Responses (4 hours). Monroe Township, NJ, September 10; Indianapolis, IN, December 4.

Sleep Deprivation and the Effects on Driving and the SFSTs. 13th Annual IACP DRE Training Conference, Las Vegas, NV, August 1.

Horizontal Gaze Nystagmus (2 hours). Prosecuting Attorneys' Council of Georgia Summer Conference 2007, Jekyll Island, GA, July 24.

Eye Movement and Pupil Demonstration with the HawkEye Monitor. 19th Annual IPTM Symposium on Alcohol and Drug Impaired Driving Enforcement, Naples, FL, June 26 & 28.

Medical Foundations of Visual System Testing for DREs and Prosecutors (3-day course). Jacksonville, FL, May 21-23; Concord, NH, June 6-8; Baton Rouge, LA, June 18-20.

Protecting Lives, Saving Futures: HGN. Forsyth, GA, March 5; Salem, OR, March 7; Bismarck, ND, June 4; Bowling Green, KY, June 12; Santa Fe, NM, August 14; St. George, UT, November 7.

Understanding Gaze Nystagmus (4 hours). Advanced SFST Course, Chattanooga, TN, February 15; Smyrna, TN, May 15; Washington DRE Training Program, Shelton, WA, March 27; Suquamish, WA, September 14; Oregon DRE Training Program, Monmouth, OR, May 2; Springfield, IL, November 27.

2006

Effects of Alcohol & Drugs on Visual Ability While Driving (2 hours). 2006 Manitoba Impaired Driving Seminar, Winnipeg, MB, CA, November 7.

DRE Update Training: Eye Movements and Pupils (2 hours). Chelan, WA, October 5.

DRE Recertification Training: The Eyes (3 hours). San Francisco, CA, August 29.

Understanding Gaze Nystagmus (4 hours). Washington DRE Training Program, May 9.

Defense Issues of the Horizontal Gaze Nystagmus Test. 7th Annual Mid-Atlantic DUI Conference, Virginia Beach, VA, April 20; 10th Annual DUII Multi-Disciplinary Impaired Driving Training Conference, Tigard, OR, April 29; 2nd Annual Texas Impaired Driving Conference, Dallas, TX, May 18.

Medical Foundations of Visual System Testing for DREs and Prosecutors (3-day course). Jacksonville, FL, April 17-19; Jacksonville, FL, September 18-20.

HGN: Challenges and Research. New Mexico District Attorneys Association Annual Conference, Albuquerque, NM, March 29.

The Truth is in the Eyes (3 hours). Blowing Rock, NC, March 22.

Understanding Gaze Nystagmus (3 hours). Tennessee Law Enforcement Academy, March 8; May 17; July 26; October 3; December 13; Oregon DRE Training Program, May 3; Oregon State Police Recruit Training Program, August 7; Montana DRE Training Program, September 26.

Protecting Lives, Saving Futures: HGN. Forsyth, GA, February 21; Columbia, MO, March 1; Salem, OR, March 20; Santa Fe, NM, July 20; Farmington, NM, August 16; Baton Rouge, LA, September 28; Santa Fe, NM, December 15.

2005

Horizontal Gaze Nystagmus: Revisited & Revitalized. 11th Annual IACP DRE Training Conference, Arlington, VA, August 5.

A Closer Look at the Horizontal Gaze Nystagmus Test (3 hours). 1st Annual Texas Impaired Driving Conference, Austin, TX, May 13.

Understanding Gaze Nystagmus (3 hours). Oregon DRE Training Program, May 3; Oregon State Police Recruit School, December 5; Washington Department of Licensing Hearings Officers Annual Conference, September 28.

Horizontal Gaze Nystagmus and the Frye Hearing. Tennessee District Attorneys General Conference, Trial Advocacy Course, Nashville, TN, April 12.

Horizontal Gaze Nystagmus (2 hours). SFST Instructor Course, Nashville, TN, April 12.

Understanding Gaze Nystagmus (4 hours). Washington DRE Training Program, April 8, October 11; Covington, TN, November 7.

DRE Recertification Training: The Eyes (8 hours). Lake Ozark, MO, March 7; Lincoln, NE, August 16; Milwaukee, WI, November 17; November 18.

Medical Foundations of Visual System Testing for DREs and Prosecutors (3-day course). Miami, FL, January 17-19; Jacksonville, FL, April 4-6; Tempe, AZ, August 10-12.

Protecting Lives, Saving Futures: HGN. Memphis, TN, January 10; Jackson, TN, March 9; Nashville, TN, April 19; Cookeville, TN, May 17; Oak Ridge, TN, June 21; Lansing, MI, November 1.

2004

- Medical Foundations Overview. 16th Annual IPTM Symposium on Drugs and Alcohol, Clearwater, FL, July 13; July 14.
- Understanding Gaze Nystagmus (4 hours). Washington DRE Training Program, May 21; September 21; Cleveland, OH, September 17.
- Understanding Gaze Nystagmus (3 hours). Oregon DRE Training Program, May 5; Oregon State Police Recruit School, December 6.
- HGN Issues. 8th Annual DUII Multi-Disciplinary Training Conference, Tigard, OR, April 24; 5th Annual DUI Conference, Virginia Beach, VA, April 28.
- Medical Foundations of Visual System Testing for DREs and Prosecutors (3-day course). Jacksonville, FL, March 24-26; Albuquerque, NM, June 2-4; Spokane, WA, October 27-29; Albuquerque, NM, November 3-5; Jacksonville, FL, December 13-15.
- DRE Recertification Training: The Eyes (8 hours). Pocatello, ID, February 5; Boise, ID, February 27; Lake Ozark, MO, March 8; Post Falls, ID, March 10.
- Understanding Gaze Nystagmus. Prosecuting the Drugged Driver - Trial Advocacy Course, Salem, OR, February 4.
- Protecting Lives, Saving Futures: HGN. Raleigh, NC, January 30; Cleveland, OH, February 19; Anchorage, AK, April 5; Grand Rapids, MI, May 11; Salem, OR, May 18; Mesquite, TX, June 12.

2003

- Medical Foundations of Visual System Testing for DREs and Prosecutors (3-day course). Hillsboro, OR, September 29-October 1; Tempe, AZ, October 27-29; Miami, FL, December 15-17.
- HGN: Scientific Foundations and Legal Issues (2 hours). Lifesavers Conference, Greensboro, NC, September 16.
- Oregon DRE Study (Update). With Captain Chuck Hayes, Oregon State Police. 9th Annual IACP Drugs, Alcohol and Impaired Driving Seminar, Baltimore, MD, July 11.
- HGN Issues. 9th Annual IACP Drugs, Alcohol and Impaired Driving Seminar, Baltimore, MD, July 11.
- Understanding Gaze Nystagmus (3 hours). Oregon DRE Training Program, May 7; Bardstown, KY, June 10.
- Understanding Gaze Nystagmus (4 hours). Montana Law Enforcement Academy, March 10-13; Washington DRE Training Program, October 30.
- Protecting Lives, Saving Futures: HGN. Salem, OR, February 27; Nashville, TN, March 26; Raleigh, NC, May 15; Greenville, TN, May 28.

2002

- Understanding Gaze Nystagmus (4 hours). Washington DRE Training Program, September 24.
- Alcohol Intoxication and Eye Movements. Invited Lecture. Wenzhou Medical College, Wenzhou, PRC, May 16.
- Understanding Gaze Nystagmus (3 hours). Oregon DRE Training Program, April 23; August 19.
- Understanding Gaze Nystagmus: From Anatomy to Prosecution (3 hours). 3rd Annual DUI Conference, Virginia Beach, VA, April 3.
- Nystagmus and Convergence Testing in Intoxicated Individuals. 3rd Annual DUI Conference, Virginia Beach, VA, April 1; 6th Annual Multi-Disciplinary DUII Task Force Conference, Tigard, OR, April 5.

Protecting Lives, Saving Futures: HGN. Bay City, MI, March 27; North Little Rock, AR, June 7; Greenville, NC, August 22; Gaylord, MI, October 2.

Understanding Gaze Nystagmus. Prosecuting the Drugged Driver - Trial Advocacy Course, Salem, OR, March 16.

2001

Understanding Gaze Nystagmus and Defending Against Experts. Washington Association of Prosecuting Attorneys, November 16.

Understanding Gaze Nystagmus (4 hours). Washington DRE Training Program, August 23; Idaho DRE Recertification Training, October 19.

Oregon DRE Study. With Captain Chuck Hayes, Oregon State Police. 7th Annual IACP Drugs, Alcohol and Impaired Driving Seminar, Long Beach, CA, June 24.

Understanding Gaze Nystagmus (3 hours). Oregon DRE Training Program, May 1.

Protecting Lives, Saving Futures: HGN. Sacramento, CA, February 14.

2000

Understanding Gaze Nystagmus. Prosecuting the Drugged Driver - Trial Advocacy Course, Salem, OR, November 1.

Understanding Gaze Nystagmus. 12th Annual IPTM Symposium on Alcohol and Drugs, West Palm Beach, FL, July 20.

HGN Update. Oregon SFST Instructor Classes. Monmouth, June 6; Bend, July 10; Portland, July 12; Central Point, August 1.

Understanding Gaze Nystagmus (3 hours). Oregon DRE Training Program, May 16.

Understanding Gaze Nystagmus. With Dr. Robert Yolton. 4th Annual Multi-Disciplinary DUII Task Force Conference, Salem, OR, April 1.

Understanding Gaze Nystagmus: From Anatomy to Prosecution (3 hours). 1st Annual DUII Conference, Virginia Beach, VA, March 8.

1999

Understanding Gaze Nystagmus and Defending Against Experts. Washington Association of Prosecuting Attorneys, October 19.

So You Think It's Gaze Nystagmus: Medical Rule-Outs of the HGN Test. 5th Annual IACP Drug Recognition Expert Conference, Portland, OR, June 29.

Understanding Gaze Nystagmus. Prosecuting the Drugged Driver - Trial Advocacy Course, Salem, OR, February 10.

1998

Eye Signs & More. With Dr. Robert Yolton. Oregon DRE Training Program, April 7.

Follow the Bouncing Eyeballs: Basic Concepts of Nystagmus. With Dr. Robert Yolton. 2nd Annual Multi-Disciplinary DUII Task Force Conference, Salem, OR, March 14.

OTHER PRESENTATIONS

2011

Core Concepts in Binocular Vision, Part 2. With Dr. Scott Cooper. Aalen University, Germany, August 26-30.

Core Concepts in Binocular Vision, Part 1. With Dr. Scott Cooper. Aalen University, Germany, August 5-9.

2009

Protecting the Eyes Against Ultraviolet Radiation (1 hour). Invited Lecture. Ophthalmic Optics Educators Special Interest Group, Association of Schools and Colleges of Optometry, October 10.

Core Concepts in Binocular Vision, Part 2. With Dr. Scott Cooper. Aalen University, Germany, September 18-22.

Core Concepts in Binocular Vision, Part 1. With Dr. Scott Cooper. Aalen University, Germany, August 14-18.

2007

Core Concepts in Binocular Vision, Part 2. With Dr. Scott Cooper. Aalen University, Germany, September 21-25.

Core Concepts in Binocular Vision, Part 1. With Dr. Scott Cooper. Aalen University, Germany, August 16-21.

2006

Wrappin' It Up: Protecting the Eyes from UV Radiation (1 hour). Invited Lecture. Optical Society of America Columbia Section, May 5; Ophthalmic Optics Educators Special Interest Group, Association of Schools and Colleges of Optometry, July 28.

2005

My Experiences from the Witness Stand (1 hour). Invited Lecture. Techniques of Legal Interviewing, Portland (OR) Community College, December 12; December 17.

Vision & Driving: Eye Movements, Perception, and Reactions (3 hours). International Association of Accident Reconstruction Specialists, Meridian, ID, September 14.

Eyes and Crash Reconstruction. Tennessee District Attorneys General Conference, Crash Reconstruction Course, Cookeville, TN, May 17.

PowerPoint Pleasures. Pacific University Tech Team Brown-Bag Lunch Series, February 1.

2004

Injury vs. Intoxication: Recognizing Drug Impairment (2 hours). Hillsboro (OR) Fire & Rescue, February 11; February 25.

2002

Basics of Low Vision (4 hours). Invited Lecture. Xin Hua Children's Hospital, Shanghai, PRC, May 13; Wenzhou Medical College, Wenzhou, PRC, May 16; Zhongshan Ophthalmic Center, Sun-Yat Sen University, Guangzhou, PRC, May 22.

2000

So You Think You're an Expert: Experiences from the Witness Stand. Western Regional Conference, September 30.

Fitting Golfers with Progressive Addition Lenses: Part 1. Visual Demands. With Dr. Alan Reichow. 6th Varilux Presbyopia Forum, June 15.

Innovations in Refractive Eye Surgery. InFocus First Annual Inventor Awards Dinner, February 15.

1999

Advances in Current Ophthalmic Technology. American Academy of Optometry, Paraoptometric Program, December 11.

Guest Appearance on Episode 3 of "Shedding Light on Science," Annenberg/CPB Workshop Series, September 17.

PowerPoint Workshop (3 hours). Pacific University All-Faculty Conference, August 24.

M.C. Escher: Can You Believe Your Eyes? Pacific University Alumni Relations, March 14.

1998

Update of Refractive Surgery Techniques. With Dr. Stanley Teplick. Optical Society of America, Columbia Section, October 16.

1997

Dark Vision and Red Light: Another Myth Exploded. Rose City (Portland) Amateur Astronomers Club, October 20.

EXPERT WITNESS EXPERIENCE

2011

Testimony for the Prosecution. State (OR) v. Savage. DUI Trial. Sweet Home Municipal Court, September 16.

Testimony for the Prosecution. State (ID) v. Tiemann. Manslaughter Trial. Ada County District Court, May 18.

Testimony for the Prosecution. Commonwealth (KY) v. Beggs. Daubert Hearing on the Admissibility of DRE Evidence. Jefferson County District Court, May 11.

Testimony for the Prosecution. State (OR) v. Carter. DUI Trial. Washington County District Court, March 17.

Testimony for the Defense. State (OR) v. MacArthur. Frye Hearing on the Admissibility of HGN Evidence (via telephone). Crook County District Court, February 14.

2010

Testimony for the Prosecution. State (NE) v. Wells. Daubert Hearing on the Admissibility of HGN Evidence. Phelps County Court, December 15.

Consultant to the Prosecution. Commonwealth (KY) v. Thompson. DUI Trial, Admissibility of HGN Evidence. Kenton County District Court, December 7.

Testimony for the Prosecution. State (OR) v. Carter. Frye Hearing on the Admissibility of VGN Evidence. Washington County District Court, November 9.

Testimony for the Prosecution. State (MD) v. Moore, Teeter, Brightful, Flanagan, Mullikin, Mahon, Carr. Daubert Hearing on the Admissibility of DRE Evidence. Carroll County Circuit Court, September 20-21.

Testimony for the Prosecution. State (FL) v. Telles. DUI Manslaughter and Vehicular Homicide Trial. Fourth Judicial Circuit Court, Duval County, August 17.

Testimony for the Prosecution. State (NJ) v. Golden. Frye Hearing on the Admissibility of HGN Evidence. Cape May County Superior Court, May 17 & June 7.

Testimony for the Prosecution. State (OR) v. Stevens. DUI-Drugs Jury Trial. Washington County Circuit Court, April 13.

Testimony for the Prosecution. Commonwealth (KY) v. Sturgeon. Daubert Hearing on the Admissibility of HGN Evidence. Hart County District Court, March 2.

Testimony for the Prosecution. State (OK) v. Isaacs. Daubert Hearing on the Admissibility of DRE Evidence. Creek County District Court, February 19.

2009

Testimony for the Defense. Wolff v. Elliott Auto Supply and Bradley Phillips. Civil Suit, Wrongful Death. Platte Co. (MO) District Court, October 26.

Testimony for the Prosecution. State (CO) v. Keune. Shreck Hearing on the Admissibility of HGN Evidence. Seventh Judicial District, Delta County, July 1.

Testimony for the Superintendent. Police Board (Chicago, IL) v. Drefs. Personnel Board Hearing, May 11.

2008

Consultant to the Prosecution. State (VT) v. Parizo. Video Deposition on the Admissibility of HGN and DRE Evidence, November 13.

Testimony for the Prosecution. State (OR) v. Nelson. DUI Jury Trial. Deschutes County Circuit Court, October 8.

Testimony for the Prosecution. State (OR) v. Romine. DUI Jury Trial. Washington County Circuit Court, September 10.

Testimony for the Prosecution. State (SD) v. Kopp. Daubert Hearing on the Admissibility of HGN Evidence. Custer County Criminal Court, July 14.

Testimony for the Prosecution. State (OR) v. Tonn. DUI Jury Trial. Washington County Circuit Court, June 17-18.

Testimony for the Prosecution. State (MI) v. Hogan. DUI Homicide Trial. Gratiot County Circuit Court, March 7.

Testimony for the Prosecution. State (IL) v. McKown. Frye Hearing on the Admissibility of HGN Evidence. 10th Judicial Circuit Court, March 5.

2007

Testimony for the Defense. State (MT) v. Brown. Judicial Review (Civil) on the Admissibility of HGN Evidence. Hill County Judicial Court, October 16.

Consultant to the Plaintiff, Preston and Salango, PLLC. Parsley et al. v. Asplundh Tree Expert Co. and Collins. Mingo County (WV) Circuit Court.

2006

Testimony for the Prosecution. State (NE) v. McClung and Buttke. Daubert Hearing on the Admissibility of HGN and DRE Evidence. Lancaster County District Court, March 30.

2005

Consultant to the Defense, Jeremy Yellin, Attorney at Law. State (MT) v. Anderson.

Testimony for the Prosecution. State (OR) v. Nelson. DUI Jury Trial. Benton County District Court, July 11.

Testimony for the Prosecution. State (OR) v. Philan. DUI Jury Trial. Washington County Circuit Court, May 5.

Testimony for the Prosecution. State (NE) v. Schnell. Daubert Hearing on the Admissibility of DRE Evidence. Hall County District Court, April 26.

Testimony for the Prosecution. US v. King. Daubert Hearing on the Admissibility of HGN Evidence (via telephone). Special Court-Martial, Navy-Marine Corps Trial Judiciary, Southwest Judicial Circuit, San Diego, CA, March 29-30.

2004

Consultant to the Defense, Ransom Blackman LLP. State (OR) v. Novoa.

Testimony for the Prosecution. State (OR) v. Johnson. Bench Trial, Admissibility of HGN Evidence. Deschutes County Circuit Court, July 27.

Testimony for the Prosecution. State (NE) v. Cubrich. Daubert Hearing on the Admissibility of DRE Evidence. Sarpy County District Court, July 23.

2003

Testimony for the Prosecution. State (NM) v. Aleman. Daubert Hearing on the Admissibility of DRE Evidence. Doña Ana County District Court, October 24.

Testimony for the Prosecution. Commonwealth (KY) v. Anderson. Daubert Hearing on the Admissibility of HGN Evidence. Nelson County Circuit Court, June 11.

2002

Testimony for the Prosecution. State (OR) v. Hickey. Pre-Trial Hearing on the Admissibility of HGN Evidence. Klamath County Circuit Court, September 6.

2001

Testimony for the Prosecution. State (ID) v. Kliever. Daubert Hearing on the Admissibility of DRE Evidence. Canyon County District Court, September 24.

Testimony for the Prosecution. State (OR) v. Toombs. DUI Jury Trial, Admissibility of HGN Evidence. Washington County Circuit Court, September 20.

Testimony for the Prosecution. State (KS) v. Coberly. Frye Hearing on the Admissibility of HGN Evidence. Ellis County District Court, August 21.

Testimony for the Prosecution. State (WA) v. Lake. Jury Trial, Admissibility of HGN Evidence. Pierce County District Court, May 3.

2000

Testimony for the Prosecution. Territory (USVI) v. Henry. Daubert Hearing on the Admissibility of HGN Evidence. St. Croix Territorial Court, December 4.

Testimony for the Prosecution. State (WA) v. Alumbaugh. Pre-Trial Hearing on the Admissibility of HGN Evidence. Mason County District Court, January 28.

1999

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