

**David Henry Peterzell, Ph.D., Ph.D.**  
**CURRICULUM VITAE**

April 2006

ADDRESSES

---

University of California, San Diego, Center for Brain and Cognition, Department of Psychology (0109),  
9500 Gillman Drive, La Jolla, CA 92093

Alliant International University, California School of Professional Psychology (Daley Hall), 10455  
Pomerado Road, San Diego, CA 92131

Psychotherapy Offices, 3252 Holiday Court, Suite 220, La Jolla, CA 92037

Phone: (619) 453-1058      peterzel@psy.ucsd.edu      <http://david.peterzell.org>

EDUCATION

---

<i>B.A.</i>	University of California, Berkeley	Psychology	(1983)
<i>M.A.</i>	University of Colorado, Boulder	Psychology - Cognitive (Sensation & Perception)	(1988)
<i>Ph.D.</i>	University of Colorado, Boulder	Psychology - Cognitive (Sensation & Perception)	(1991)
	California School of Professional Psychology/AIU, San Diego	Psychology - Clinical (Doctoral Respecialization)	(2001)

LICENSE

---

Psychologist, California PSY19123

MEMBERSHIPS

---

Association for Psychological Science	Optical Society of America
Association for Behavioral and Cognitive Therapies	Psychonomics Society
Association for Research in Vision and Ophthalmology	San Diego Psychoanalytic Soc. ("friend")
Cognitive Neuroscience Society	San Diego Psychological Association
Integral Institute	Society for Mathematical Psychology
International Association for Cognitive Psychotherapy	Society for Research in Child Development

TEACHING EXPERIENCE

---

(See also Continuing Education Courses taught)

*Adjunct Professor*      **Alliant International University,** (2000-present)  
**California School of Professional Psychology**

Clinical Psychology and Consulting Psychology Ph.D. programs.

Courses taught: (1) Theories of Personality and Psychotherapy:  
Behavioral & Social Learning (7 times), (2) Cognitive and  
Affective Bases of Behavior (3 times), (3) Mindfulness in Psychotherapy  
(2 times)

Dissertation committees

*Lecturer*      **University of California, San Diego** (2005-present)

Undergraduate Cognitive Psychology (2 times);  
Undergraduate Sensation & Perception (scheduled 2 times)

*Lecturer*      **University of San Diego, Psychology** (2001)  
*Abnormal Psychology* (Undergraduate)

*Supervisor*      **University of San Diego, Counseling Center** (2001)  
Supervised 4 undergraduate peer counselors (See Clinical Experience)

*Guest Instructor*      **University of California, San Diego, Dept. Biology,** (1998)  
Howard Hughes Undergraduate Science Enrichment Program.

*Presentations to gifted high school students on human vision (photonic physics, brain physiology, and mental subjectivity)*

<b>Supervisor, Independent Study</b>	<b>University of Washington, Psychology</b> <i>Trained, supervised, advised 5 undergraduates engaged in independent study in an infant vision lab. Taught 8-week seminar on vision, development, brain and psychophysics.</i>	(1994-97)
	<b>University of Colorado, Boulder, Psychology</b> <i>Trained, supervised, advised 4 undergraduate research assistants. Arranged funding for 3 assistants via the Howard Hughes Foundation Biomedical Research Initiative.</i>	(1989-91)
<b>Graduate Teaching Assistant</b>	<b>University of Colorado, Boulder, Psychology</b> <i>Nine Courses: <u>Perception (4)</u>, <u>Cognitive (3)</u>, <u>History, Introductory Statistics</u>. Designed, taught 7 lab sections.</i>	(1985-88)
<b>Undergraduate Teaching Assistant</b>	<b>University of California, Berkeley, Psychology</b> <i><u>Introductory Psychology</u></i>	(1982)

#### RESEARCH EXPERIENCE

<b>Visiting Scholar</b>	<b>University of California, San Diego, Psychology</b> <i>Vision and visual development, individual differences</i>	(1998-present)
<b>Psychologist</b>	<b>Veterans Administration Health Care System,</b> UCSD-La Jolla. Cognitive and Behavioral Interventions Program <i>Phantom limb pain, mindfulness in psychotherapy</i>	(2004)
<b>NIH Postdoctoral Fellow</b>	<b>University of California, San Diego, Psychology</b> (1997-98) <b>University of Washington, Depts. Psychology, Biological Structure; Child Development &amp; Mental Retardation Center</b> (1994-97) <b>The Smith-Kettlewell Eye Research Institute, Infant Vision &amp; Pediatric Diagnostic Center (San Francisco, CA).</b> (1992-94) <i>Clinical electro-physiology, psychophysics. Neural mechanisms of color, motion, spatial vision. Individual differences: adults &amp; infants</i>	
<b>Graduate Research Assistant</b>	<b>University of Colorado, Boulder, Psychology</b> <i>Psychophysics. Spatial and color vision. Visual attention. Visual development, aging. Visual pattern recognition during reading. Visual and cognitive processes: hemispheric specialization</i>	(1985-91)
<b>Undergraduate Research Assistant</b>	<b>University of California, Berkeley, Psychology</b> <i>Cognitive neuropsychology: visual hemifields &amp; hemispheric specialization. Effects of typicality on picture perception &amp; memory</i>	(1981-83)

#### CLINICAL PSYCHOLOGY EXPERIENCE

<b>Psychologist</b>	<b>Private practice</b>	(2004-present)
<b>Psychology Service</b>	<b>Veterans Administration Health Care System,</b> UCSD-La Jolla. Cognitive and Behavioral Interventions Program	(2004-present)
<b>Supervisor</b>	<b>New Haven Youth &amp; Family Services</b> group home, Supervised and coordinated a Therapeutic Behavioral Services (TBS) Program serving teens at risk for losing their housing (due to, e.g., tantrums, assaults, property destruction). Completed behavioral assessments, functional analyses, treatment plans. Supervised, trained 15 TBS coaches providing daily short-term one-to-one interventions.	(2004)
<b>Group Facilitator</b>	<b>UCSD Center for Mindfulness/Thornton Hospital.</b> Co-facilitated two 8-week Mindfulness-Based Stress	(2003)

Reduction courses, based on Kabat-Zinn's (UMASS Med Ctr) program. Participants included clients with depression, anxiety, cancer, fibromyalgia, chronic fatigue syndrome, irritable bowel syndrome, etc. (with Steve Hickman, Psy.D)

- |   |  |             |
|---|--|-------------|
| <b>Postdoctoral<br/>Clinical Internship</b> | <b>Catholic Charities Center for Counseling</b><br>Diocese of San Diego  | (2002-2003) |
|   | <ul style="list-style-type: none"> <li>• <i>Co-coordinated a School and Child Psychology Program serving Catholic schools in San Diego. Provided weekly group-supervision and inservice training for 8 graduate level practicum students (AIU/CSPP)</i></li> <li>• <i>Provided psychotherapy: family, marital, individual, group (Family systems, Cognitive-behavioral and dynamic short-term approaches), Dialectical Behavior Therapy groups.</i></li> <li>• <i>Worked with diverse population, incl. ethnic, religious minorities, GLB individuals.</i></li> <li>• 10 months, 1200+ hours.</li> </ul>   |             |
| <b>Postdoctoral<br/>Clinical Internship</b> | <b>University of San Diego, Student Counseling Center</b>  | (2000-01)   |
|   | <ul style="list-style-type: none"> <li>• <i>Psychotherapy: individual, group, marital (Cognitive-behavioral and dynamic short-term approaches)</i></li> <li>• <i>Outreach, case management, crisis coverage, supervision of undergraduate peer advisors.</i></li> <li>• <i>Chemical dependency: assessment, treatment, group (harm-reduction)</i></li> <li>• <i>Worked with diverse population, incl. ethnic, religious minorities, GLB individuals.</i></li> <li>• 10 months, 1000 hours</li> </ul>   |             |
| <b>Postdoctoral<br/>Clinical Internship</b> | <b>St. Vincent de Paul Village, Joan Kroc Center, San Diego</b>  | (1999-00)   |
|   | <ul style="list-style-type: none"> <li>• <i>Psychotherapy: individual (child, adolescent, adult), marital, family, group.</i></li> <li>• <i>Assessment: psychosocial histories (intakes), case planning, integrative psych reports (10), psychodiagnostic testing, neuropsychological screening, learning disabilities.</i></li> <li>• <i>Chemical dependency: assessment, psychoeducational and process groups (12-step).</i></li> <li>• <i>Homeless individuals, couples, families, HIV+ individuals</i></li> <li>• <i>Worked with diverse population, incl. ethnic, religious minorities, GLBT individuals.</i></li> <li>• 12 months, 1000 hours</li> </ul> |             |

DEPARTMENTAL SERVICE

- |                           |   |                |
|---------------------------|---|----------------|
| <b>Member, Committees</b> | <b>San Diego Psychological Association</b><br>Committees:   | (2004-present) |
|                           | <u>Continuing Education.</u> <i>Helped plan, coordinate presentations and conferences</i>   |                |
| <b>Member, Committees</b> | <b>Alliant International University, California School of Professional Psychology</b>   | (1998-2003)    |
|                           | <u>Colloquium.</u> <i>Helped plan, coordinate weekly colloquium series</i><br><u>Integrative Psychology Program.</u> <i>Participated in integrative psychology graduate program, Center for Integrative Psychology Alumni Council.</i> <i>Helped plan some alumni activities 2001</i> |                |
| <b>Interviewer</b>        | <b>University of San Diego, Counseling Center</b>   | (2001)         |

*Reviewed files, assisted with interviews of applicants for (a) a predoctoral training internship in clinical psychology, and (b) a senior staff position.*

<b>Admissions Committee</b>	<b>University of Washington, Psychology</b> Developmental Psychology graduate program	(1995)
<b>Volunteer</b>	<b>University of Colorado, Psychology</b> Alumni annual fundraising	(1986-89)

## CONSULTING

---

<b>Statistics, research, writing, publication</b>	Ad hoc consulting: multivariate statistics, psychometric scaling, psychophysical and non-invasive electrophysiological methods (EEGs, VEPs), editing and publishing of scientific articles, dissertation consulting, qualitative designs	(1991-present)
<b>Psychological Consultant &amp; Researcher</b>	Assist in the creation of the <i>Integral Psychology</i> section of the <i>Integral Institute</i> , which attempted to document, validate and integrate models of consciousness, development, psychology and therapy from Eastern, Western, ancient and modern sources. (Primary contacts: Allan Combs, Ph.D., Ken Wilber)	(2000)

## EDITORIAL ACTIVITIES

---

<b>Assistant to the Authors: Books</b>	Ramachandran, VS (2004). <i>The Emerging Mind: The 2003 BBC Reith Lectures</i> . London: BBC and Profile Books.	(2004)
	Chalupa, L & Werner, JS, Eds. (2003). <i>The Visual Neurosciences</i> . Cambridge, MA: MIT Press	(2002)
	Spillmann, L & Werner, JS, Eds. (1990). <i>Visual Perception: The Neurophysiological Foundations</i> . London: Academic Press.	(1989-90)
	Skolnick, AS (1986). <i>The Psychology of Human Development</i> . San Diego: Harcourt.	(1983)
<b>Ad Hoc Reviewer:</b>	<i>Provided ad hoc reviews of chapters and/or library research Journals. Brain &amp; Cognition (1993-2004), Developmental Psychobiology (1991), Gerontology (1992), Perception (1993), Investigative Ophthalmology &amp; Visual Science (1995, 1996), Optometry &amp; Vision Science (1996 - 2001), Perception &amp; Psychophysics (1990, 1992), Psychonomic Bulletin &amp; Review (1994, 1996), Vision Research (1993-2004), Visual Neuroscience (2004)</i>	
	<b>Grants.</b> NSF section on Behavioral & Neural Sciences(1992), Economic & Social Research Council (Britain) (1993)	

## HONORS

---

<b>3 Travel Awards</b>	North Atlantic Treaty Organization Advanced Study Institute, National Science Foundation, Optical Society of America	(1991-2000)
<b>Individual National Research Service Award</b>	National Institutes of Health, National Eye Institute <i>see grants.</i>	(1996-98)
<b>Rachael C. Atkinson Award 1994, 1995</b>	Fellowship for Eye Research, The Smith-Kettlewell Eye Research Institute (two times)	(1994, 1995)
<b>Garland W. Clay Award 1991</b>	American Academy of Optometry, <b>For authoring the most significant paper on clinical optometry</b> (1990), <i>Optometry and Vision Science</i> (see <i>Publications</i> )	(1991)

<b><i>Fight for Sight Postdoctoral Fellowship Program</i></b>	Proposal: <i>The Development of Contrast Sensitive Mechanisms in Human Infants</i> , Honorable Mention (Sponsor: Prof. Richard Held, M.I.T. Dept. of Brain & Behav. Sci.)	(1991)
<b><i>Student Research Competition</i></b>	Rocky Mountain Psychological Association, first place (See <i>Papers Presented</i> )	(1987)
<b><i>NSF Graduate Fellowship Program</i></b>	National Science Foundation, Honorable Mention Proposal: <i>Spatial Frequencies and the Cerebral Hemispheres</i>	(1985)
<b><i>Graduation Speaker</i></b>	U.C. Berkeley Psychology Dept. Commencement	(1982)
<b><i>Sproul Contest</i></b>	Best Undergraduate Speaker at U.C. Berkeley, Runner up	(1980)
<b><i>Marquis Who's Who</i></b>	<i>Who's Who in America</i> , <i>Who's Who in the World</i> , <i>Who's Who in Science &amp; Engineering</i> biographical directories	

## GRANTS

---

<b><i>Individual National Research Service Award</i></b>	<b>National Institutes of Health, National Eye Institute</b> <i>Chromatic Individual Differences: Adults and Infants.</i> F32 EY06706 (10/96-10/98)	(1996-98)
<b><i>Investigator</i></b>	<b><i>Veteran's Administration:</i></b> Psychosocial treatment of phantom limb pain in amputees (John McQuaid, P.I.)	(pending)

## PUBLICATIONS

---

- Aposhyan, H.M., Kaplan, P.S., **Peterzell, D.H.** & Werner, J.S. (1988). Spatial frequency analysis of infant habituation. *Journal of Infant Behavior and Development*, *11*, 145-157.
- Peterzell, D.H.**, Harvey, L.O., Jr. & Hardyck, C.D. (1989). Spatial Frequencies and the cerebral hemispheres: Contrast sensitivity, visible persistence, and letter classification. *Perception & Psychophysics*, *46*, 433-455.
- Peterzell, D.H.**, Sinclair, G.P., Healy, A.F. & Bourne, L.E., Jr. (1990). Identification of letters in the predesignated target paradigm: A word superiority effect for the common word *the*. *American Journal of Psychology*, *103*, 299-315.
- Werner, J.S., **Peterzell, D.H.** & Scheetz, A.J. (1990). Light, vision and aging. *Optometry and Vision Science*, *67*, 214-229. (See [Honors](#))
- Peterzell, D.H.** (1991). On the nonrelationship between spatial frequency and cerebral hemispheric competence, *Brain & Cognition*, *15*, 62-68.
- Peterzell, D.H.**, Werner, J.S. & Kaplan, P.S. (1991). Individual differences in the contrast sensitivity functions of human adults and infants: A brief review. In P. Bagnoli & W. Hodos (Eds.), *The Changing Visual System: Maturation and Aging in the Central Nervous System*. NY: Plenum, 391-396.
- Peterzell, D.H.**, Werner, J.S. & Kaplan, P.S. (1993). Individual differences in contrast sensitivity functions: The first four months of life in humans. *Vision Research*, *33*, 381-396.
- Peterzell, D.H.** (1993). Individual differences in the visual attention of human infants: Further evidence for separate sensitization and habituation processes. *Developmental Psychobiology*, *26*, 207-218.
- Peterzell, D.H.**, Werner, J.S. & Kaplan, P.S. (1995). Individual differences in contrast sensitivity functions: Longitudinal study of 4-, 6- and 8-month-old human infants. *Vision Research*, *35*(7), 961-979.
- Peterzell, D.H.** & Kelly, J.P. (1996). Spatial frequency channels revealed by individual differences in contrast sensitivity functions: Visual evoked potentials from adults and infants. *Vision Science & Its Applications: Technical Digest v.I*. Washington, D.C.: Optical Society of America, 10-13.
- Peterzell, D.H.** & Teller, D.Y. (1996). Individual differences in contrast sensitivity functions: The coarsest spatial channels. *Vision Research*, *36*, 3077-3085.

- Peterzell, D.H.**, Dougherty, R.F. & Mayer, M.J. (1997). Temporal tuning of flicker-sensitive channels derived from individual differences in de Lange functions. *Vision Science & its Applications: Technical Digest v.1*. Washington, D.C.: Optical Society of America, 218-221.
- Peterzell, D.H.** (1997). Hemispheric *Symmetries* in the identification of band-pass filtered letters: Reply to Christman et al. (1997). *Psychonomic Bulletin & Review*, 4, 285-287.
- Peterzell, D.H.** & Norcia, A.M. (1997). Spatial frequency masking with the sweep-VEP. *Vision Research*, 37, 2349-2359.
- Peterzell, D.H.** & Kelly, J.P. (1997). Development of Spatial Frequency Tuned "Covariance" Channels: Individual Differences in the Electrophysiological (VEP) Contrast Sensitivity Function. *Optometry & Vision Science [Special Issue: Infant Vision]*, 74.
- Peterzell, D.H.** (1998). Book review: Cerebral asymmetries in sensory and perceptual processing (S. Christman, Ed.). *Perception*, 27, 755-758.
- Peterzell, D.H.** (1998). Book review: The two sides of perception (Ivry, R.B. & Robertson, L.C.). *Perception*, 27, 881-883.
- Peterzell, D.H.** & Teller, D.Y. (2000). Spatial frequency tuned covariance channels for red-green and luminance-modulated gratings: Psychophysical data from human adults. *Vision Research*, 40, 417-430.
- Peterzell, D.H.**, Chang, S.K. & Teller, D.Y. (2000). Spatial frequency tuned covariance channels for red-green and luminance-modulated gratings: Psychophysical data from human infants. *Vision Research*, 40, 431-444.
- Peterzell, D.H.**, Scheffrin, B.E., Tragear, S.J. & Werner, J.S. (2000). Spatial frequency tuned covariance channels underlying scotopic contrast sensitivity. *Vision Science & its Applications: OSA Technical Digest*. Washington, D.C.: Optical Society of America, 39-42.
- Peterzell, D.H.**, Scheffrin, B.E., Tragear, S.J. & Werner, J.S. (2000). Spatial frequency tuned covariance channels underlying scotopic contrast sensitivity. *OSA Trends in Optics and Photonics Vol 35, Vision Science & its Applications (V. Lakshminarayanan, Ed.)*. Optical Society of America, Washington, D.C., 60-63. (identical to preceding reference).
- Dobkins, K.R., Gunther, K., & **Peterzell, D.H.** (2000). What mechanisms underlie red/green isoluminance, luminance contrast sensitivity and chromatic contrast sensitivity at various spatial and temporal frequencies? *Vision Research*, 40, 613-628.
- Khorrani, S. & **Peterzell, D.H.** (2003) Intimacy. *Men and Masculinities: A Social, Cultural and Historical Encyclopedia Vol 1*. (M.Kimmel & A. Aronson, Eds), ABC-Clio Press.
- Peterzell, D.H.** (2003) Marital Therapies. *Men and Masculinities: A Social, Cultural and Historical Encyclopedia Vol 1*. (M.Kimmel & A. Aronson, Eds), ABC-Clio Press.

#### MANUSCRIPTS IN PRESS

#### MANUSCRIPTS SUBMITTED

- Peterzell, D.H.**, Harvey, L.O., Jr., Healy, A.F. & Bourne, L.E., Jr. *Letter detection in misspellings: Models of whole word internal representation*. Submitted for publication, *Journal of Experimental Psychology: Human Perception and Performance*, revision in progress.

#### MANUSCRIPTS IN PREPARATION

- Peterzell, D.H.**, Chang, S.K. & Kelly, J.K. *Covariance channels in human vision: Adults' and Infants' electrophysiological contrast sensitivity functions for red-green and luminance-modulated gratings*. (draft available).
- Peterzell, D.H.**, Crognale, M.A., Shaaban, S.A., Calderone, J.B., Deeb, S.S., & Jacobs, G.H. *Analysis of individual differences in the expression of functional human longwave-sensitive (L) photopigment in the transgenic mouse retina*. (draft available).

**Peterzell, D.H.**, Scheffrin, B.E., Tragear, S.J. & Werner, J.S. *Spatial frequency tuned covariance channels underlying scotopic contrast sensitivity (with implications for development and aging)*.

**Peterzell, D.H.** *Light, vision, season and mood: SAD and vision science*.

## THESES

---

**Peterzell, D.H.** (1983). *Experimental techniques and cerebral lateralization: Alternatives to the split visual-field apparatus*. Undergraduate Honors Thesis, University of California, Berkeley. (Chairs: Profs. Curtis D. Hardyck & Mark R. Rosenzweig)

**Peterzell, D.H.** (1988). *Pattern identification during reading: The internal representation of whole words*. Master's Thesis, University of Colorado, Boulder. (Chair: Prof. Lewis O. Harvey, Jr.)

**Peterzell, D.H.** (1991/1992). A longitudinal study of individual differences in the contrast sensitivity functions of 4-, 6-, and 8-month-old human infants (Doctoral Dissertation, University of Colorado, Boulder, 1991). *Dissertation Abstracts International*, 53, 1084B. (University Microfilms No. 9220443) (Chair: Prof. John S. Werner)

## PAPERS PRESENTED, PUBLISHED ABSTRACTS

---

**Peterzell, D.H.**, Harvey, L.O., Jr. & Hardyck, C.D. *Spatial frequencies and the hemispheres: contrast sensitivity, visible persistence, and letter detection*. Rocky Mountain Psychological Association Annual Meeting, Albuquerque, NM, April 30, 1987. (See [Honors](#))

**Peterzell, D.H.** & Harvey, L.O., Jr. *Spatial frequencies and size-invariant representation of form*. Twentieth Annual Mathematical Psychology Meeting, Berkeley, CA, August 8, 1987.

**Peterzell, D.H.** *Models of whole word internal representation*. Fourteenth Annual Interdisciplinary Conference, Teton Village, Jackson Hole, WY, January 18, 1989.

**Peterzell, D.H.**, Werner, J.S. & Kaplan, P.S. *Structural modeling of infant spatial vision*. Association for Research in Vision and Ophthalmology Annual Meeting, Sarasota, FL, April 30, 1990 (Abstract: *Investigative Ophthalmology & Visual Science*, 1990, 31, 8).

**Peterzell, D.H.**, Kaplan, P.S. & Werner, J.S. *Factor analysis of infant visual fixation data: New evidence for separate habituation and sensitization processes*. Sixth Biennial Developmental Psychobiology Research Group Retreat, Estes Park, CO, May 31, 1990.

**Peterzell, D.H.**, Werner, J.S. & Kaplan, P.S. *Sources of individual differences in CSF development*. Association for Research in Vision and Ophthalmology Annual Meeting, Sarasota, FL, April 30, 1991 (Abstract: *Investigative Ophthalmology & Visual Science*, 1991, 32, 963).

**Peterzell, D.H.** & Werner, J.S. *Longitudinal study of individual differences in the contrast sensitivity functions of human infants*. NATO Advanced Study Institute (The changing visual system: From early to late stages of life), San Martino al Cimino, Viterbo, Italy, May 31, 1991.

Chandna, A, Norcia, A.M. & **Peterzell, D.H.** *VEP correlates of direction-specific binocular mechanisms*, Association for Research in Vision and Ophthalmology Annual Meeting, Sarasota, FL, May, 1993 (Abstract: *Investigative Ophthalmology & Visual Science*, 1993, 34, 1054).

**Peterzell, D.H.** & Norcia, A.M. *Spatial frequency masking with the sweep-VEP*, Association for Research in Vision and Ophthalmology Annual Meeting, Sarasota, FL, May, 1993 (Abstract: *Investigative Ophthalmology & Visual Science*, 1993, 34, 781).

**Peterzell, D.H.** & Teller, D.Y. *Individual differences in contrast sensitivity functions: The coarsest spatial pattern analyzer*, Association for Research in Vision and Ophthalmology Annual Meeting, Ft. Lauderdale, FL, May, 1995. (Abstract: *Investigative Ophthalmology & Visual Science*, 1995, 36, S17).

**Peterzell, D.H.** *Spatial channels revealed by normal individual differences*. International Conference on Visual Coding, York University, North York, Ontario, Canada, June 20, 1995.

**Peterzell, D.H.** *Spatiotemporal visual channels revealed by individual differences: Adults and infants*. The 36th Annual Meeting of the Psychonomic Society, Los Angeles, CA, Nov 11, 1995.

- Peterzell, D.H.**, & Kelly, J.P. *Spatial frequency channels revealed by individual differences in contrast sensitivity functions: Visual evoked potentials from adults and infants*. Vision Science and its Applications: Topical Meeting of the Optical Society of America, Santa Fe, NM, Feb 1, 1996.
- Peterzell, D.H.**, Kelly, J.P., Chang, S.K., Gordon, S.J., Omaljev, L. & Teller, D.Y. *Spatial frequency channels for color and luminance: Adults' and infants' VEP contrast sensitivity functions*. Association for Research in Vision and Ophthalmology Annual Meeting, Ft. Lauderdale, FL, May, 1996. (Abstract: *Investigative Ophthalmology & Visual Science*, 1996, 37, S1067)
- Peterzell, D.H.**, Dougherty, R.F. & Billock, V.A. *Spatiotemporal Covariance Channels*. Optical Society of America Annual Meeting, Rochester, NY, November 1996.
- Peterzell, D.H.** *Human foveal color mechanisms throughout the lifespan: The covariance structure of chromatic adaptation*. Optical Society of America Annual Meeting, Rochester, NY, November 1996.
- Peterzell, D.H.**, Dougherty, R.F. & Mayer, M.J. *Temporal tuning of flicker-sensitive channels derived from individual differences in de Lange functions*. Vision Science and its Applications: Topical Meeting of the Optical Society of America, Santa Fe, NM, Feb 1, 1997.
- Peterzell, D.H.**, & Teller, D.Y. *Are color and luminance served by the same spatial frequency channels?* Association for Research in Vision and Ophthalmology Annual Meeting, Ft. Lauderdale, FL, May 12, 1997. (Abstract: *Investigative Ophthalmology & Visual Science*, 1997, 38, S255)
- Gunther, K., **Peterzell, D.H.**, & Dobkins, K.R. *What mechanisms underlie red/green isoluminance matches at various spatial and temporal frequencies?* Association for Research in Vision and Ophthalmology Annual Meeting, Ft. Lauderdale, FL, May 13, 1997. (Abstract: *Investigative Ophthalmology & Visual Science*, 1997, 38, S892)
- Peterzell, D.H.**, Crognale, M.A., Shaaban, S.A., Calderone, J.B., Deeb, S.S. & Jacobs, G.H., *Analysis of individual differences in the expression of functional human longwave-sensitive (L) photopigment in the transgenic mouse retina*. The First Annual Vision Research Conference (Molecular, Cellular and Genetic Approaches to Function and Dysfunction of the Retina), Ft. Lauderdale, FL, May, 1997.
- Peterzell, D.H.**, Chang, S.K., Kelly, J.P., Hartzler, A.L. & Teller, D.Y. *The development of spatial frequency covariance channels for color and luminance: Psychophysical (FPL) and electrophysiological (sweep-VEP) studies*. Sixth Biennial Meeting of the Child Vision Research Society, Pisa, Italy, June 6, 1997. (Abstract: *Perception*, 1997, 27, 759-760)
- Gunther, K., **Peterzell, D.H.** & Dobkins, K.R. *What shared mechanisms underlie CSFs and red/green isoluminance matches at various spatial and temporal frequencies?* Association for Research in Vision and Ophthalmology Annual Meeting, Ft. Lauderdale, FL, May, 1998. (Abstract: *Investigative Ophthalmology & Visual Science*, 1998, 39, S)
- Peterzell, D.H.**, Scheffrin, B.E., Tragear, S.J. & Werner, J.S. *Spatial frequency tuned covariance channels underlying scotopic contrast sensitivity*. Vision Science and its Applications: Topical Meeting of the Optical Society of America, Santa Fe, NM, Feb, 2000.
- Werner, J.S., **Peterzell, D.H.**, Scheffrin, B.E., & Tragear, S.J. *Spatial Channels Underlying Scotopic Contrast Sensitivity Functions: A Covariance Analysis*. Association for Research in Vision and Ophthalmology Annual Meeting, Ft. Lauderdale, FL, May, 2000. (Abstract: *Investigative Ophthalmology & Visual Science*, 2000, 40, S)
- Lerner, JB, Hickman, S, & **Peterzell, D.H.** (2005). *Bringing Mindfulness to the Next Generation of Psychotherapists*. Integrating Mindfulness-Based Interventions into Medicine, Health Care, and Society: 3rd Annual Conference for Clinicians, Researchers, and Educators, April 2, 2005 at the Crowne Plaza Hotel, Worcester, Massachusetts
- Peterzell, D.H.**, & Werner, J. S. (2002). *Rod spatial channels and adult aging: Implications for analysis of development of infant spatial vision [Abstract]*. Optical Society of America Fall Vision Meeting, San Francisco, CA, Oct 26, 2002, *Journal of Vision*, 2(10), 90a,
- Ramachandran, V.S., & **Peterzell, D.H.** (2005). *The Human Brain: Its Potential for Growth and Change*. San Diego Psychological Association, Fall Conference, San Diego, CA, Oct 15, 2005. (see continuing education)

**Peterzell, D.H.,** Cone, R.E., McQuaid, J.R. & Ramachandran, V.S. (2005). *A new treatment for phantom limb Pain: A Tri-partite Mirror Apparatus*. San Diego Psychological Association, Fall Conference, San Diego, CA, Oct 15, 2005.

Hickman, S. & **Peterzell, D.H.** (2006). Mindfulness and Acceptance as a Foundation for Psychotherapy. San Diego Psychological Association, Spring Conference, San Diego, CA, May 15, 2006. (see continuing education)

**Peterzell, D.H.,** Cone, R.E., McQuaid, J.R. & Ramachandran, V.S. (2006). *Two new visual methods for generating phantom sensations in amputees and normal subjects: multiple reflections from three-panel mirrors, and mirror images flickering in counterphase*. (special symposium: arm, hand and body coordination in visual space) 29<sup>th</sup> European Conference on Visual Perception, St. Petersburg, Russia. (Abstract to be published in *Perception*)

#### PUBLICATIONS--NON-ACADEMIC

---

**Regular Contributor,** "Twisted Titles," *California Monthly* (U.C. Berkeley Alumni Mag.) (2000-02)  
**Humor**

**Book Reviews** Ad hoc book reviews at amazon.com

#### RECENT INVITED TALKS AND TRAININGS (partial list)

---

"Spatial and Color Vision in Human Adults and Infants: Individual Differences and "Covariance" Channels." Salk Institute, February 4, 1998 (Also presented at UCSD psychology, and the Smith-Kettlewell Eye Research Institute in 1998)

"The Vision Scientist: Understanding Light, Eyes, Brains and Minds." The UCSD Howard Hughes Undergraduate Science Enrichment Program. March 18, 1998

"The Visual World of the Human Infant: Behavioral and Physiological Studies" Colloquium, Alliant International University (CSPP), 2001, 2002.

"How to Solve Mysteries of Sensory Processing, Development, and Neuroscience by Studying Individual Differences in Basic Visual Data: Psychophysical and Electrophysiological Studies of Human Adults and Infants", Ft. Lewis College, Denver, CO, 2001

"Great Fallacies of Cognitive Neuropsychology, or, Why We Simply Don't Have a Clue About How The Brain Actually Works." Colloquium, Alliant International University (CSPP), March 13, 2003

"Unusual Psychotherapies Find Empirical Support," UCSD Psychology ("How To Think About Psychology" Undergraduate Seminar Series), February 17, 2004

"Bandura's Social Learning Theory in Clinical Practice: Modeling, Self-efficacy, and Self-Regulation," Catholic Charities Center for Counseling, Summer 2003 (one of my clinical inservices at CC)

"Two Behaviorally-Based Approaches to Resiliency in Children: (1) John Gottman's 'Emotionally Intelligent Child and Emotion Coaching', and (2) Martin Seligman's 'Learned Optimism'," Catholic Charities Center for Counseling, March 2, 2004 (the latest of numerous clinical inservices at CC)

"Perceptual and cognitive neuroscience in the service of clinical psychological science: a proposal." Alliant International University (California School of Professional Psychology, San Diego), April 23, 2004

"Mindfulness in Psychotherapy: ancient traditions and empirical evidence." San Diego Psychological Association, October 8, 2004

“False Memories.” Alliant International University (California School of Professional Psychology, San Diego), November 10, 2004

“Careers in Clinical Psychology: An Expanded View.” UCSD Psychology (“How to Think About Psychology” Undergraduate Seminar Series), March 6, 2006.

CONTINUING EDUCATION COURSES FOR CLINICAL PSYCHOLOGISTS & MFTS

---

Alper, S, and Peterzell, DH (2000) Continuing Education: Mindfulness Meditation in Clinical Practice, California School of Professional Psychology. (1.5 CEU hrs with Steve Alper, LCSW)

Ramachandran, V.S., & **Peterzell, D.H.** (2005). *The Human Brain: Its Potential for Growth and Change*. San Diego Psychological Association, Fall Conference, San Diego, CA, Oct 15, 2005. (2.0 CEU hrs with VS Ramachandran, M.D., Ph.D.)

Hickman, S. & **Peterzell, D.H.** (2006). Mindfulness and Acceptance as a Foundation for Psychotherapy. San Diego Psychological Association, Spring Conference, San Diego, CA, May 15, 2006. (2.0 CEU hrs with S Hickman, Psy.D.)