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Advanced Eye & Laser Center of California, Inc.
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EDUCATION

2000-2003	University of Texas Medical Branch Ophthalmology Residency.	Galveston, TX
2001	University of Texas-Houston Medical School Basic Science Course in Ophthalmology.	Houston, TX
1999-2000	University of California San Francisco-Fresno Transitional Year Internship.	Fresno, CA
1991-1999	Albert Einstein College of Medicine. M.D., Ph.D. , Biophysics	Bronx, NY
1994	Marine Biological Laboratory. Neurobiology.	Woods Hole, MA
1987-1991	Bard College. B.A. in Physics.	Annandale, NY

LICENSURE & CERTIFICATION

2004	Diplomate, Americal Board of Ophthalmology
2002	Medical Board of California
2004	Fellow, American Academy of Ophthalmology

HONORS & AWARDS

1987-1991	Bard College Excellence and Equal Cost Scholarship. Full tuition, room and board merit scholarship.
1990	John Bard Scholar in the Division of Natural Sciences and Mathematics. Bard College.
1990	Bard College Junior Research Fellowship. Summer research grant.
1989	Harry J. Carman Scholar. Bard College.

PROFESSIONAL EXPERIENCE

2004-Present	Medical Director, Advanced Eye & Laser Center of California, Inc.
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San Diego, CA.
2004-Present **Staff Ophthalmologist**, Sharp Memorial Hospital, San Diego, CA.
2003-Present **LASIK Surgeon**, The Eye Center, El Cajon, CA.
2004-Present **Editorial Board Member**, *Journal of Ophthalmic Medical Technology*.
1993-1996 **Instructor**, Albert Einstein College of Medicine, Bronx, NY.
1988-1991 **Instructor**, Bard College. Annandale, NY.

RESEARCH

1995 **Graduate Student**, Marine Biological Laboratory. Woods Hole, MA.
1990-91 **Research Assistant**, UCSD Cancer Center.

PUBLICATIONS.

Chang, A.W., Tsang, A.C., Contreras, J.E., **Huynh, P.D.**, Calvano, C.J., Crnic-Rein, T.C., Thall, E.H. Corneal Tissue ablation depth and the Munnerlyn formula. *J. Cataract Refract. Surg.* 2003: 29:1204-1210

Blem, RI. **Huynh, P.D.**, Thall, EH. Altered uptake of infrared diode laser by retina after intravitreal indocyanine green dye and internal limiting membrane peeling. *American Journal of Ophthalmology.* 134:285-6, 2002.

Zhan, H., Elliott, J.L., Shen W.H., **Huynh, P.D.**, Finkelstein, A., and Collier, R.J. Effects of mutations in Proline 345 on insertion of diphtheria toxin into model membranes. *J. Membrane Biol.* 167:173-81, 1999.

Hu, H.Y., **Huynh, P.D.**, Murphy, J.R., vanderSpek, J.C. The effects of helix breaking mutations in the diphtheria toxin transmembrane domain helix layers of the fusion toxin DAB389IL-2. *Protein Eng.* 11:811-7, 1998.

Senzel, L., **Huynh, P.D.**, Jakes, K.S., Collier, R.J., and Finkelstein, A. The diphtheria toxin channel-forming T domain translocates its own NH₂-terminal region across planar bilayers. *J. Gen. Physiol.* 112:317-24, 1998.

Benson, E.L., **Huynh, P.D.**, Finkelstein, A., and Collier, R.J. Identification of residues lining the anthrax protective antigen channel. *Biochemistry* 37:3941-8, 1998.

Huynh, P.D., Cui, C., Zhan, H., Oh, K.J., Collier, R.J., and Finkelstein, A. Probing the structure of the diphtheria toxin channel: reactivity in planar lipid bilayer membranes of

cysteine-substituted mutant channels with methanethiosulfonate derivatives. *J. Gen. Physiol.* 110:229-42, 1997.

Kaul, P., Silverman, J., Shen, W.H., Blanke, S.R., **Huynh, P.D.**, Finkelstein, A., and Collier, R.J. Roles of Glu 349 and Asp 352 in membrane insertion and translocation by diphtheria toxin. *Protein Science* 5:687-692, 1996.

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Finley, K.D., Kakuda, D.K., Barrieux, A., Kleeman, J., **Huynh, P.D.**, and MacLeod, C.L. A mammalian arginine/lysine transporter uses multiple promoters. *Proc. Natl. Acad. Sci. U.S.A.* 92:9378-82, 1995.

Zhan, H., Choe, S., **Huynh, P.D.**, Finkelstein, A., Eisenberg, D., and Collier, R.J. Dynamic transitions of the transmembrane domain of diphtheria toxin: disulfide trapping and fluorescence proximity studies. *Biochemistry* 33:11254-63, 1994.

vanderSpek, J., Cassidy, D., Genbauffe, F., **Huynh, P.D.**, and Murphy, J.R. An intact transmembrane helix 9 is essential for the efficient delivery of the diphtheria toxin catalytic domain to the cytosol of target cells. *Journal of Biological Chemistry* 269:21455-9, 1994.

Mindell, J.A., Zhan, H., **Huynh, P.D.**, Collier, R.J., and Finkelstein, A. Reaction of diphtheria toxin channels with sulfhydryl-specific reagents: observation of chemical reactions at the single molecule level. *Proc. Natl. Acad. Sci. U.S.A.* 91:5272-6, 1994.

PERSONAL

Hobbies include fishing, hiking, and photography.