

Curriculum Vitae

Brett J. King, O.D., F.A.A.O.
Indiana University School of Optometry
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Education

1999 Pennsylvania College of Optometry and Hunkeler Eye Centers
Kansas City, MO
Residency in Cornea and Refractive Surgical Care
1998 Indiana University School of Optometry
Bloomington, IN
Degree: OD
1994 Ball State University
Muncie, IN
Degree: BS

Professional Position

Clinical Associate Professor
Indiana University School of Optometry
800 E. Atwater Ave. Bloomington, IN 47405

Professional Experience

2013- Present Clinical Associate Professor
▪ Clinical Instructor in Advance Ocular Care Service
▪ Instructor of record for didactic courses
▪ 50% time dedicated to clinical and translational research
2006-2013 Consultative Optometrist – Stiles Glaucoma Consultants
▪ Glaucoma evaluation and management
▪ Pre and Post glaucoma and cataract surgical care
▪ Director of Clinical Research
▪ Provided quarterly continuing education for referral doctors
2004-2006 Optometrist – Draisin Vision Centers
1998-2004 Consultative Optometrist – Hunkeler Eye Centers

Teaching Experience

2013 – Present Instructor of Record
▪ V644 Ocular Disease I: A detailed description of the signs, symptoms, differential diagnosis, and management of ocular disease of the anterior segment
▪ V745 Ocular Disease II: A detailed description of the signs, symptoms, differential diagnosis, and management of ocular disease of the posterior segment, neurological disorders affecting the eye, and application of ocular therapeutics

2013-Present Assistant Instructor

- V745 Ocular Disease IV: Provide lectures on laser and surgical management of glaucoma
- V740 Ocular Disease V: Provide lab and lecture for minor surgical procedures

2003-04 Adjunct Assistant Professor – UMSL College of Optometry

- External Rotation Proctor

Research Experience

2014 A Retrospective Study into the Association of Glaucoma and Retinal Gliotic Lesions
IU IRB# 1409110163
Role: PI

2013 A Retrospective Review of Optical Coherence Tomography Images to Determine Prevalence of Outer Retinal Tubulations in Patients with Chronic Retinal Disease
IU IRB# 1309285879
Role: PI

2013-Present 3D RNFL Structure and High-resolution Perimetry for Assessing Glaucomatous Damage
IU IRB# 0803000126
Role: Co-Investigator

2013-Present Adaptive Optics Retinal Imaging as a Biomarker in Diabetes
IU IRB # 0804000129
Role: Sub-Investigator

2013-Present Low-cost Device for Digital Retinal Imaging (with subjects)
IU IRB# 0804000129
Role: Consultant

Prior to 2013 Sahara: A Prospective Longitudinal Observational Study to Assess the Development of Ocular Surface Disease in Treatment-Naïve Glaucoma and Ocular Hypertension Patients vs. Those without Elevated Intra-ocular Pressure
Merck: 006-00
Role: PI

Travatan Z Versus Xalatan in OSDI
Alcon: C-08-03
Role: PI

Refresh Contact Lenses Versus 1-Day Acuvue and Focus Dailes Contact Lenses
Vistakon: CR-1237
Role PI

Acuvue 8.8 Non-I/O Lenses from Different Production Lots
Vistakon: CR-9908
Role: PI

Co/Sub investigator in Clinical Trials Prior to 2013

- Alcon: c-97-57; c97-53; c-97-54, pterygium studies
- Alcon: Cellugel C-98-22, viscoelastic
- Alcon: C98-43, anti-inflammatory irrigating solution
- Alcon: C-97-71 “A Twelve-Month, Triple-Masked, Parallel Group Primary Therapy Study of the Safety and Efficacy of AL-6221 0.0015% and AL-622 0.004% Compared to Timoptic 0.5% and Xalatan 0.005% in Patients with Open-Angle Glaucoma or Ocular Hypertension
- Alcon: C-0163, multifocal PCIOL
- Alcon: C-01-99, “An Evaluation of Efficacy and Safety of Posterior Juxtasclear Injections of Anecortave Acetate 15mg versus VISUDYNE in Patients with Subfoveal Exudative Age-Related Macular Degeneration Eligible for Initial Treatment with Photodynamic Therapy Using VISUDYNE
- Alcon: C-02-52, “A Comparison of Ciprodex (Ciprofloxacin 0.3%, Dexamethasone 0.1%) Ophthalmic Suspension, versus Ciloxan (Ciprofloxacin 0.3%) Ophthalmic Solution, Maxidex (Dexamethasone 0.1%) Ophthalmic Suspension and Ciprodex Vehicle for the Treatment of Bacterial Blepharitis”
- Alcon: C-0067, “A Prospective Clinical Evaluation of the Safety and Efficacy of the InteliPORT Occluding Device FID 98376 Compared to the Lacrimedics Opaque Herrick Lacrimal Plug”
- Allergan: AIOL-107-AR40, acrylic IOL; ARRY-109-PUPL, multifocal IOL; Pres. 101, accommodative study
- Allergan: 195263-003 “A Multi-Center, Parallel, Randomized, Double-Masked, Vehicle-Controlled, Dose-Ranging Study to Evaluate the Safety, Tolerability, and Efficacy of Testosterone 0.01%, 0.1%, and 0.3% Ophthalmic Solutions Administered Twice Daily for 16 weeks in Patients with Keratoconjunctivitis Sicca (KCS)”
- Allergan: 192371-011-01 “A Multicenter, Double-Masked, Randomized, Vehicle-Controlled, Parallel-Group Study of the Safety and Efficacy of Cyclosporine 0.05% Ophthalmic Emulsion Used Twice Daily for Six Months in Patients with Moderate to Severe Keratoconjunctivitis Sicca”
- Aquesys: P11-001 “A Prospective, Multicenter Clinical Trial Designed to Evaluate the Safety and Performance of the Aquesys Microfistula Implant in Subjects with Refractory Glaucoma”
- Bausch & Lomb: EXKM-607-HYP “A Prospective Multicenter Clinical Trial to Evaluate the Safety and Effectiveness of the Technolas 217A Excimer Laser When Used for Intrastromal Ablation (LASIK) for the Correction of Naturally Occurring Hyperopia Between 1.0 – 4.0 D of Spherical Refraction with up to 2.0 D of Refractive Astigmatism
- Bausch & Lomb: EXKM-609-AST, “Technolas 217A Excimer Laser for Intrastromal Ablation (LASIK) for the Correction of 1.00 – 12.00 D of Myopia with 0.50 to 5.00 D of Astigmatism”
- Eli Lilly: LY333531 B7A-MC-MBCM, “Protein Kinase C β Inhibitor – Diabetic Retinopathy Study 2 (PKC-DRS2) A Phase 3 Clinical Trial”

- Glaukos: GC-003 “iStent Trabecular Bypass Micro Stent in Combination with Cataract Surgery in Patients with Open-Angle Glaucoma
- Inotek: IPC-05-2007, “Phase I, Multi-center, Randomized, Double-Blind, Placebo-controlled, Dose-Escalation Study to Evaluate the Tolerability, Safety, Pharmacokinetics, and Pharmacodynamics of the Ocular Application of a Single Dose of INO-8875 in Adults with Ocular Hypertension or Primary Open Angle Glaucoma”
- Inotek: IPC-10-2009 “Phase Ib, Multi-center, Randomized, Double-Blind, Placebo-controlled, Dose-Escalation Study to Evaluate the Tolerability, Safety, Pharmacokinetics, and Pharmacodynamics of the Ocular Application of INO-8875 in Adults with Ocular Hypertension or Primary Open Angle Glaucoma”
- Inspire: 03-103; 03-105, “A Multi-Center, Double-Masked, Randomized, Placebo-Controlled, Dose Ranging Study of Multiple Ocular Instillations of INS 365 Ophthalmic Solution vs. Placebo in Patients with Moderate to Severe Dry Eye Disease”
- Inspire: 06-101, “A Single-Center, Double-Masked, Randomized, Dose-Ranging Study of a Single Intravitreal Injection of INS37217 Intravitreal Injection in Subjects with Retinal Detachment”
- Ista: VIT-02-08961X, “Phase III Safety and Efficacy Study of Vitrase (Hyaluronidase) for Ophthalmic Intravitreal Injection for Clearance of Severe Vitreous Hemorrhage”
- Ista: BR-CS001, “Efficacy and Safety of Topical Bromfenac Ophthalmic Solution, 0.1% vs. Placebo for Treatment of Ocular Inflammation following Cataract Surgery: A Randomized, Multicenter, Double-Masked, Parallel Study”
- KeraVision: 1012; 1012b; 1009, “Evaluation of Intrastromal Corneal Ring Segments for the Correction of Myopia”
- Medarex: CL-SEC013, “A Phase III Study of MDX-RA Compared with Placebo Administered in Patients Undergoing Phacoemulsification or Planned Extracapsular Extraction for Cataract”
- Morcher GmbH: capsular tension ring G960190 “Endocapsular Tension Ring”
- Nidek: NE41; NE63; NE52; NE64; NE91, excimer laser studies
- Novartis: SMS995-804, “A Randomized, Controlled Study of the Safety and Efficacy of Sandostatin LAR in the Therapy of Patients with Moderately Severe or Severe Non-proliferative Diabetic Retinopathy or Low Risk Proliferative Diabetic Retinopathy”
- Ophtec: “Clinical Investigation to Surgically Correct High Hyperopia with the Implantation of the Artisan Hyperopic Intraocular Lens”
- Ophtec: “Clinical Investigation of Myopia Surgery with the Implantation of the Artisan Myopic Intraocular Lens Model 204 or 206”
- Otsuka: “Rebamipide Ophthalmic Suspension in the Treatment of Dry Eye: A multicenter, phase 3, randomized, double-masked, placebo-controlled, parallel-group, 52-week study”
- Pharmacia: 9700PG071, “A Randomized, 5 Year Postmarketing Safety Study of Xalatan Compared to Usual Care in Patients with Open Angle Glaucoma or Ocular Hypertension”

- Pharmacia: 9800PG081, “A Comparison of the Efficacy and Safety of Latanoprost vs. Brimonidine in Patients with Elevated Intraocular Pressure. A Six-month, Randomized, Masked-Evaluator, Phase IV, Multicenter Study in the United States”
- Pharmacia: 110A-OPT-0324-0001, “A 24 Week Dose-Ranging Study to Compare the Efficacy, Safety, and Comfort of 0.03%, 0.06%, and 0.1% of Diclofenac-Eye to its Vehicle in Ocular Hypertensive Patients”
- Pharmacia: 524-OPT-0065-002, “A 12-Week, One Time Dosing, Phase IIA, Randomized, 2-3 Site Study to Evaluate the Safety of Intravenous Tin Ethyl Etiopurpurin (SnET2 at 0.5mg/kg or 0.75 mg/kg) in Conjunction with Photodynamic Therapy for the Treatment of Subfoveal Choroidal Neovascularization associated with Age-Related Macular Degeneration”
- Premier Laser Systems: laser cataract removal; laser blepharoplasty
- University of Pittsburgh Eye and Ear: “Prophylactic Diode Laser Photocoagulation for the Prevention of Choroidal Neovascularization in Age-Related Macular Degeneration
- Refractec: RCS-001-HYP, “A Prospective Multicenter Clinical Trial to Evaluate the Safety and Effectiveness of the Refractec Corneal Shaping System for the Correction of Hyperopia Utilizing the Radio Frequency Keratoplasty Procedure”
- Santen: 03-003, ophthalmic solution for the treatment of bacterial conjunctivitis
- Summit: G890201; G980185, primary treatment excimer laser clinical trials
- Summit: G990077, “A Multi-Center LASIK Retreatment Study”
- Sunrise Laser System: SP74, “LTK Holmium Laser System for Thermal Keratoplasty for Refractive Procedures: Correction of Presbyopia”
- Sunrise Laser Systems: SO86 “LTK Holmium Laser System for Thermal Keratoplasty for Refractive Procedures: Correction of Hyperopia Due to Overcorrected Refractive Procedures”
- Sunrise Laser Systems: SL73, “LTK Holmium Laser System for Thermal Keratoplasty : Correction of Hyperopia Phase III Study”
- Sunrise Laser Systems: SL-61; SL72 LTK for Hyperopia

Grant Activity

- 2015 “Pupil Responses Evoked by Targeted Retinal Stimuli: Is there Melanopsin-Mediated Irradiance Detection at the Optic Disc” – Big10 Vision Research Challenge Grant
- 2013 “Measurement of Retinal Blood Flow prior to and after Instillation of Topical Anti-Ocular Hypertensive Medications Using an Adaptive Optics Scanning Laser Ophthalmoscope” - Beta Sigma Kappa Research Fellowship American Optometric Foundation

Peer Reviewed Publications

- Elsner AE, **King BJ**. “Screening for macular disorders: the optometrist’s perspective” Invited review. Clinical Optometry March 2015 vol 2017:7, pgs15-38. Open Access
- Twa, M.; Karpecki, P., **King, BJ**.; et al. “One-year results from the phase III investigation of the Intrastromal Corneal Ring Segments”, Optometry - Journal of the American Optometric Association, August 1999

Non-Peer Reviewed Publications

- **King, BJ**. “A test drug for sub-retinal fluid: INS37217 may one day prevent vision loss from various retinal conditions”, Review of Optometry, January 15, 2002
- **King, BJ**.; Karpecki, P. “Post-LASIK enhancement, when to refer and what to expect”, Primary Care Optometry News, November 1998

Peer Reviewed Poster Presentations or Published Abstracts

- “Quantifying Peripapillary in Patients with Glaucoma Compared to Age-Similar Controls Using AOSLO” **King BJ**, Sawides L, Burns SA. IOVS 2016: ARVO E-Abstract A0054
- “Imaging and Quantifying Surviving Photoreceptors within Areas of Geographic Atrophy in Patients with Age-related Macular Degeneration” Heart of America Contact Lens Society and Primary Eye Care Congress – Feb 13, 2016; Polster S, **King BJ**, Elsner AE, Johnston K, Papay JA, Burns SA
- “Neurotrophic Keratopathy: Do you hear me?” American Academy of Optometry Residency Day 2015, Polster S, Grogg JA, **King BJ**
- “A New Method for Assessing Tear Turnover” American Academy of Optometry Oct 8, 2015; Venezia, LA, Begley CG, Situ P, **King BJ**, Jedlicka JG
- “Detecting Presumed Activated Retinal Astrocytes and Muller Cells in Glaucoma Patients Using Spectral Domain Optical Coherence Tomography” American Academy of Optometry Oct 9, 2015; Cheung H, **King BJ**, Gast TJ
- “Inter-observer Comparison of Structure (En Face RNFL Grading) to Function (Visual Field Locations) in Patients with Glaucoma” **King BJ**, Alluwimi MS, Swanson WH, Malinovsky V, Grogg JA, Sutton B. IOVS 2015:ARVO E-Abstract 1990
- “Application of Normative Values to Improve Macular Asymmetry Analysis in Glaucoma” Alluwimi MS, **King BJ**, Swanson WH. IOVS 2015:ARVO E-Abstract 5276

- “A Retrospective Review of Optical Coherence Tomography Images of Presumed Activated Retinal Astrocytes and Muller Cells in Glaucoma Patients” Heart of America Contact Lens Society and Primary Care Congress – Feb 13, 2015; Cheung H, **King BJ**, Gast TJ
- “Use of ProKera and a Scleral Lens in a Patient with Severe HSV Keratitis” Global Specialty Lens Symposium - January 2015; Yeh F, **King, BJ**
- “iStent: Safety and Efficacy of Multiple Stents” American Academy of Optometry – Nov 14, 2014; **King BJ**, iStent Study Group
- “Investigation of the retinal nerve structure in living human eyes” Imaging and Perimetry Society – Sept 12, 2014; Alluwimi MS, Swanson WH, **King BJ**
- “Outer Retinal Tubulation Observed with SD-OCT and AOSLO” **King BJ**, Sapoznik K, Elsner A, Gast T, Burns S. IOVS 2014:ARVO E-Abstract 3401
- “A Retrospective Review of Optical Coherence Tomography Images to Determine the Prevalence of Outer Retinal Tubulation in Patients with Chronic Retinal Disease” Heart of America Contact Lens Society and Primary Care Congress – Feb 2014; Sapoznik KA, **King BJ**
- “Efficacy of Nedocromil Sodium 2% Ophthalmic Solution in Menopausal Women with Allergic Conjunctivitis: Results from a Community-based Trial”; Association for Research in Vision and Ophthalmology annual meeting – May 7, 2003; **King BJ**, Tauber J., ACOAT Study Group

Scientific Papers

- “Using En Face and Circumpapillary OCT to Predict Functional Loss in Patients with Glaucoma” American Academy of Optometry Hot Topic Special Event – Oct 8, 2015; **King BJ**, Alluwimi MS, Swanson WH, Malinovsky V, Grogg JA, Sutton BM
- “Comparison of Inner Retinal Thickness Over and Adjacent to Outer Retinal Tubulation” American Academy of Optometry – Nov 13, 2014; **King BJ**, Elsner AE, Sapoznik KA, Papay JA, Gast TJ, Clark CA, Burns SA
- “Imaging of Sparse Photoreceptors in the Scleral Crescent” American Academy of Optometry – Nov 13, 2014; Elsner AE, Papay JA, **King BJ**, Gast TJ, Sawides L, De Castro A, Burns SA
- “Improving Asymmetry Analysis for Detecting Glaucomatous Damage to the Macula” American Academy of Optometry – Nov 12, 2014; Alluwimi MS, **King BJ**, Swanson WH
- “A Double-masked, Randomized, Placebo-controlled, Dose-escalating Study of a Single Intravitreal Injection of INS37217 in subjects with retinal detachments”; Association for Research in Vision and Ophthalmology May 6, 2003, P.E. Tornambe, G.M. Fox, L.S. Poliner, **B.J. King**, R.S. Whitsell, L.M. LaVange, D.J. Kellerman, W.M. Peterson

Continuing Education

- Borish Symposium Indiana University – Mar 5, 2016 Moderator/Panel Member “Eye Care Practioners leading the fight against diabetes”
- Indiana Optometric Association – Oct 7, 2015 “The Normal Tension Glaucoma Patient?”
- Borish Symposium Indiana University - April 2015 Moderator “Treatment of Ocular Surface Disease Evidence and Best Practices of Today and Tomorrow – the science behind how we treat and manage ocular surface disease”
- American Academy of Optometry – Nov 15, 2014 “Cases in Normal Tension Glaucoma Mangement: point-counterpoint discussion”
- San Diego Optometric Society – June 19,2014 “Advances in Laser and Surgical Treatments for Glaucoma”
- SECO – March 15, 2014 “The Normal Tension Glaucoma Patient?”
- SECO – March 15, 2014 “Advances in Laser and Surgical Treatments for Glaucoma”
- SECO – March 16, 2014 “Glaucoma Grand Rounds”
- American Academy of Optometry annual convention – October 27, 2012 “The Search for Blebless Glaucoma Surgery”
- Missouri Optometric Association Legislature Conference – January 11, 2010 “Not the Usual Suspects: Glaucoma other then Primary Open Angle”
- Indiana Optometric Association annual meeting – April 20, 2007, “Advances in Laser and Surgical Treatments for Glaucoma”; “Cases in Normal-Tension Glaucoma”
- Optometric Society of Greater Kansas City – December 2006, “Advances in Laser and Surgical Techniques for Glaucoma”.
- American Academy of Optometry annual convention – December 2005, “Current & Investigational Treatment Options for Diabetic Retinopathy”
- Midwest Vision Expo – May 2005, “Macular Lesions and Disorders other than ARMD”, “Current and Investigational treatments for Diabetic Retinopathy”, “Antiangiogenesis: the new frontier in eye care”
- Missouri Optometric Association Spring CE – April 2005, “Penetrating Keratoplasty & Follow-up Through the First Year”, “Anti-angiogenesis – The New Frontier in Eye Care”, “Management of Macular Epiretinal Membranes”, Macular Lesions & Disorders Other Than ARMD”, “Current & Investigational Treatment Options for Diabetic Retinopathy”, “Retinal Detachments: Clinical Considerations & Treatment Options”

- American Academy of Optometry – December 11, 2004, “Recent & Ongoing Clinical Trials in Eye Care”, B. King, M. Depaolis, L. Cantania, M. Fingerett
- Missouri Optometric Association Annual Convention – October 2004, “Investigational Treatment Options for Diabetic Retinopathy”
- American Academy of Optometry Global Pacific Rim Meeting – April 3, 2004, “Investigational Treatment Options for Diabetic Retinopathy”
- American Academy of Optometry Global Pacific Rim Pre-Meeting – March 30, 2004, “Current Concepts in Retinal Disease” Symposium Moderator: R. Weisbarth, Presenters: B. King, R. Ballinger, C. Pelino
- Heart of America Contact Lens & Primary Care Congress – February 15, 2004, “Retinal Detachments: clinical considerations & treatment options”
- Heart of America Contact Lens & Primary Care Congress – February 15, 2004, “Macular Lesions & Disorders: other than ARMD”
- Heart of America Contact Lens & Primary Care Congress – February 14, 2004, “Diabetes and the Eye” para-optometric lecture
- Heart of America Contact Lens & Primary Care Congress – February 14, 2004, “Advanced Slit Lamp Workshop” para-optometric workshop
- Heart of America Contact Lens & Primary Care Congress – February 14, 2004, “Basic Slit Lamp Workshop” para-optometric workshop
- American Academy of Optometry – December 7, 2003, “Retinal Detachments: Clinical Considerations and Treatment Options”
- American Academy of Optometry – December 6, 2003, “Important Ongoing/Recent Clinical Trials in Eye Care”; B.J. King, M. Depaolis, L. Catania
- National Wal-Mart meeting – January 31, 2003, “Macular Lesions and Disorders: other than ARMD”
- American Academy of Optometry – December 12, 2002, “Retinal Detachments: Which Procedure and What to Expect”
- Kansas City Optometric Society - September 9, 2002, “Current and Investigational Treatments for Macular Edema”
- Kansas City Optometric Society – February 5, 2001, “Update on Treatments for Complications of Diabetic Retinopathy”
- Missouri Optometric Association annual convention – October 9, 2000, “Update on Treatments for ARMD”

- Terrace, British Columbia optometric continuing education – January 17, 1999 “Co-management of Intrastromal Corneal Ring Segments”

Professional Service

2015-Present: Founding Member and Executive Committee Diplomatic Liaison to Schools and Colleges of Optometry – Intrepid Eye Society

2013-Present: Peer Reviewer for *Optometry and Vision Science*

2013-14: President – Heart of America Contact Lens Society and Primary Eye Care Congress

2012 - Present: NBEO Continued Professional Development in Optometry Exam Development Committee

2012 - Present: NBEO Continued Professional Development in Optometry Exam Development Council

2009 – 2013: Education Committee Member – Missouri Optometric Association

2009 – 2016: Director – Heart of America Contact Lens Society and Primary Eye Care Congress

2003-2004: Missouri Optometric Association Trustee – Kansas City Society

2003-04: President – Optometric Society of Greater Kansas City

2002-03: Vice President – Optometric Society of Greater Kansas City

2000-01: Secretary/Treasurer – Optometric Society of Greater Kansas City

2002-05: Member of the UMSL College of Optometry Advisory Board

2002: Member of the House of Delegates for the AOA Annual Convention

2002: Clinical Examiner for the National Board of Examiners in Optometry

2000 – 2004: Chair of the New Technology Committee for the MOA

University/School Service

2015 – Present: Faculty Agenda Committee (elected)

2015- Present: Peer & Merit Review Committee

2015 – Present: Borish Scholar Committee

2014-2015: IUSO Biology Search and Screen Committee

2014-Present: Admissions Committee

2013- Present: Clinical Quality Assurance Committee

Community and Public Service

VOSH – IUSO Mexico 2014, Jamaica 2015

Turner House Clinic for Children

Rotary

Professional Honors and Awards

2016: IUOSA and class of 2017 Professor of the year

2013: Beta Sigma Kappa Research Fellowship – American Optometric Foundation

2003: Young OD of the Year – Missouri Optometric Association

Professional Affiliations/Organizations

Fellow of the American Academy of Optometry

Member of the Association for Research in Vision and Ophthalmology

Member of the Heart of America Contact Lens Society and Primary Eye Care Congress

Founding Member of the Intrepid Eye Society

Licensure/Certifications

Board Certification in Optometry – NBEO-BC May 2014

Laser Certification – Oklahoma School of Optometry 2014

Board Certified in Medical Optometry – American Board of Certification in Medical Optometry

January 2012

Therapeutic optometry license in Indiana

References Available Upon Request